

Converting Colors

$Yxy(90.2821, 0.3120, 0.3288)$

Have a look what the booklet for
Yxy(90.2821, 0.3120, 0.3288)
contains.

Yxy(90.2877, 0.3121, 0.3290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(90.2877, 0.3121, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	F3F4F4
RGB	243, 244, 244
RGB Percent	95%, 96%, 96%
CMY	0.0469, 0.0432, 0.0432
CMYK	0.00, 0.00, 0.00, 0.04
HSL	180°, 4%, 95%
HSV	180°, 0%, 96%
XYZ	85.6498, 90.2877, 98.4932
YIQ	243.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

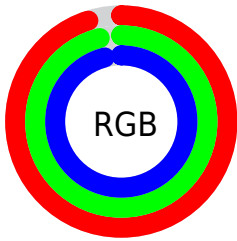
Format	Color
R _Y B	243, 244, 244
Decimal	15987956
CIE Lab	96.12, -0.31, -0.12
CIE LCh	96, 0.334, 201.270
Yxy	90.2877, 0.3121, 0.3290
Android (android.graphics.Color)	4294178036 (0xFFFF3F4F4)
YUV	243.7010, 0.1474, -0.6148
Hunter-Lab	95.0198, -5.3868, 5.0566

Details

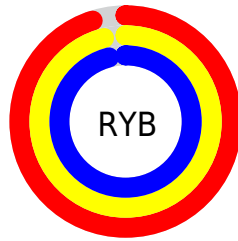
The Yxy color **90.2877, 0.3121, 0.3290** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.8293, 0.3133, 0.3290**, and the grayscale version is **90.2206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.1621, 0.3119, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **86.2273, 0.2968, 0.3291**, and if you desaturate by 10%, it is **92.4972, 0.3198, 0.3289**.

Distribution



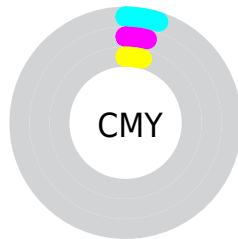
- Red (95%)
- Green (96%)
- Blue (96%)



- Red (95%)
- Yellow (96%)
- Blue (96%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)




- Cyan (5%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.2877, 0.3121, 0.3290 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 90.2877, 0.3121, 0.3290 by changing the saturation by 10% instead.

 90.2877, 0.3121,
0.3290

 90.2877, 0.3121,
0.3290

528.9663, 0.3124,
0.3290

 68.2193, 0.3120,
0.3290

147.7380, 0.3122,
0.3290

 50.0762, 0.3120,
0.3290


183.8886, 0.3122,
0.3290

 35.4739, 0.3119,
0.3290


225.5021, 0.3123,
0.3290

 24.0282, 0.3118,
0.3290

272.9628, 0.3123,
0.3290

 15.3545, 0.3116,
0.3290

326.6552, 0.3123,
0.3290

 9.0686, 0.3114,
0.3290

386.9637, 0.3123,

 4.7859, 0.3111,

0.3290

454.2726, 0.3124,
0.3290

0.3290

2.1222, 0.3105,
0.3289

0.6771, 0.3089,
0.3289

90.2877, 0.3121,
0.3290

90.2877, 0.3121,
0.3290

86.2273, 0.2968,
0.3291

92.4972, 0.3198,
0.3289

82.7174, 0.2823,
0.3292


92.5040, 0.3197,
0.3288


79.7378, 0.2691,
0.3293


92.5109, 0.3197,
0.3287


77.2626, 0.2573,
0.3294

92.5177, 0.3196,
0.3286

 75.2639, 0.2473,
0.3295

 92.5246, 0.3195,
0.3285

 73.7109, 0.2391,
0.3296


 92.5315, 0.3195,
0.3284


 72.5694, 0.2329,
0.3297

 92.5384, 0.3194,
0.3283

 71.8002, 0.2286,
0.3299

 92.5452, 0.3193,
0.3282

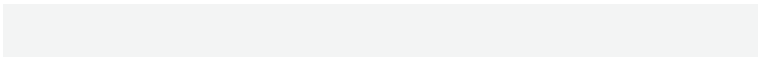
 71.3563, 0.2261,
0.3300

 92.5521, 0.3193,
0.3280

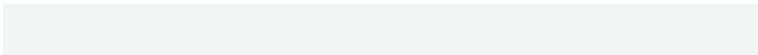
Harmonies

Analogous

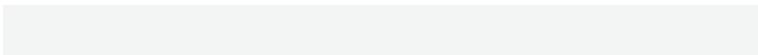
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.2877, 0.3124, 0.3293



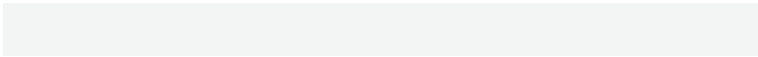
90.2877, 0.3121, 0.3290



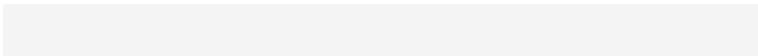
90.2877, 0.3120, 0.3287

Triad

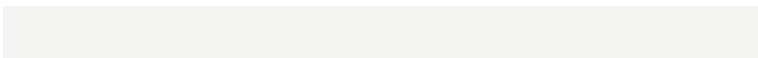
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.2877, 0.3121, 0.3290



90.2877, 0.3127, 0.3285



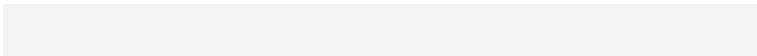
90.2877, 0.3134, 0.3296

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



90.2877, 0.3121, 0.3290



89.8293, 0.3133, 0.3290

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.2877, 0.3135, 0.3294



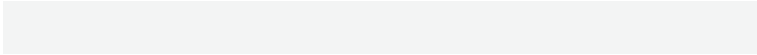
90.2877, 0.3121, 0.3290



90.2877, 0.3131, 0.3287

Square

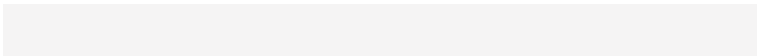
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



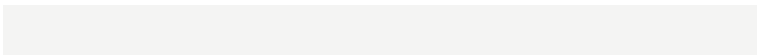
90.2877, 0.3121, 0.3290



90.2877, 0.3123, 0.3284



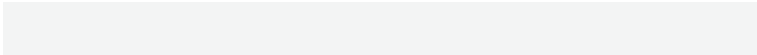
90.2877, 0.3134, 0.3290



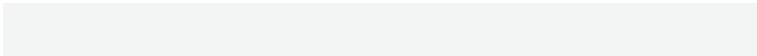
90.2877, 0.3131, 0.3297

Rectangle

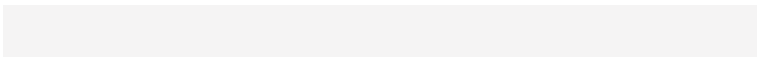
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



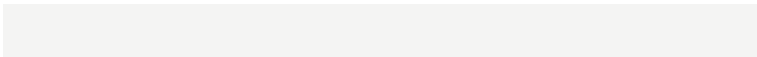
90.2877, 0.3121, 0.3290



90.2877, 0.3120, 0.3285



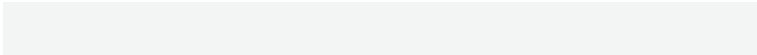
90.2877, 0.3134, 0.3290



90.2877, 0.3134, 0.3295

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



90.2916, 0.3121, 0.3290

100.0000, 0.3127, 0.3290



90.2366, 0.3127, 0.3300



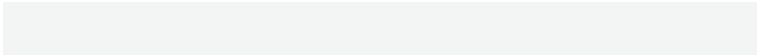
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

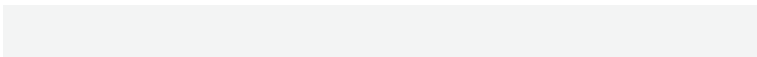
Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.2916, 0.3121, 0.3290

100.0000, 0.3127, 0.3290



90.0131, 0.3121, 0.3285



19.5994, 0.3127, 0.3290



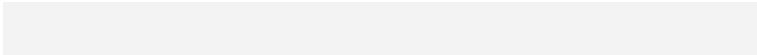
38.6961, 0.2250, 0.3301



3.4014, 0.2250, 0.3300

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



89.8293, 0.3133, 0.3290

100.0000, 0.3127, 0.3290



90.1070, 0.3133, 0.3295



19.5994, 0.3127, 0.3290



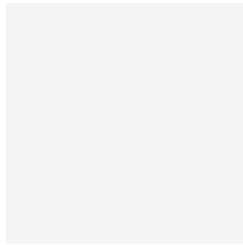
10.4598, 0.6396, 0.3297



0.9197, 0.6383, 0.3290

Previews

White Background



This preview shows how the Yxy color 90.2877, 0.3121, 0.3290 looks on a white background.

Color Contrast Check

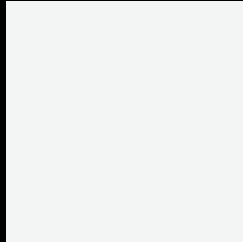
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 90.2877, 0.3121, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

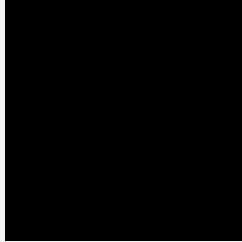
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

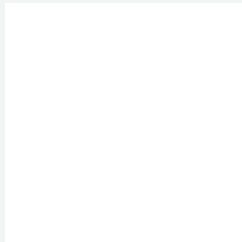
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.2877, 0.3121, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 90.2877, 0.3121, 0.3290.

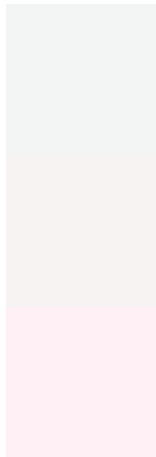


This preview shows how white text looks on a background with the Yxy color 90.2877, 0.3121, 0.3290.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

90.2877, 0.3121, 0.3290

Protanopia

90.5287, 0.3160, 0.3290

Deuteranopia

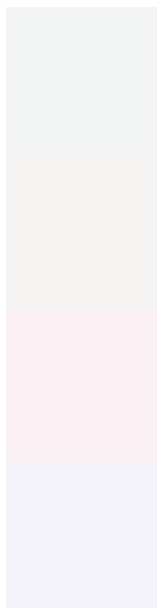
90.1727, 0.3195, 0.3242



Tritanopia

90.1367, 0.3069, 0.3163

Trichromacy



Original Color

90.2877, 0.3121, 0.3290

Protanomaly

90.1651, 0.3147, 0.3290

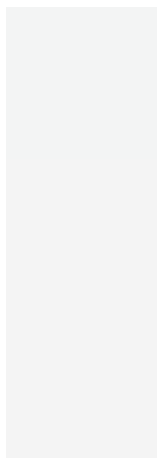
Deuteranomaly

90.0124, 0.3168, 0.3251

Tritanomaly

90.2993, 0.3086, 0.3211

Monochromacy



Original Color

90.2877, 0.3121, 0.3290

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.4661, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.2877, 0.3121, 0.3290 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(243, 244, 244)` looks like.

```
.text, #text, p{  
    color:rgb(243, 244, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(243, 244, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 244, 244) }
```

Border

The CSS property to change the border of an element to Yxy 90.2877, 0.3121, 0.3290 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 244, 244) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(243, 244, 244) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(243, 244, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 244, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 244, 244);  
box-shadow:4px 4px 4px 4px rgb(243, 244,  
244) }
```

Background

The CSS property to change the background color of an element to Yxy 90.2877, 0.3121, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 244, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(243,  
244, 244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor