

Converting Colors

Yxy(90.7692, 0.3160, 0.3340)

Have a look what the booklet for
Yxy(90.7692, 0.3160, 0.3340)
contains.

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Color

Yxy(91.0086, 0.3157, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	F5F5F0
RGB	245, 245, 240
RGB Percent	96%, 96%, 94%
CMY	0.0394, 0.0391, 0.0589
CMYK	0.00, 0.00, 0.02, 0.04
HSL	61°, 20%, 95%
HSV	61°, 2%, 96%
XYZ	86.0222, 91.0086, 95.4500
YIQ	244.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

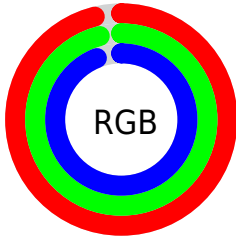
Format	Color
R_{YB}	240, 245, 240
Decimal	16119280
CIE _{Lab}	96.41, -0.90, 2.40
CIE _{LCh}	96, 2.566, 110.426
Yxy	91.0086, 0.3157, 0.3340
Android (android.graphics.Color)	4294309360 (0xFFFF5F5F0)
YUV	244.4300, -2.1840, 0.4999
Hunter-Lab	95.3984, -5.9911, 7.4568

Details

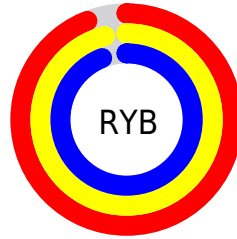
The Yxy color **91.0086, 0.3157, 0.3340** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.4317, 0.3097, 0.3240**, and the grayscale version is **90.8429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6747, 0.3165, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **89.5972, 0.3305, 0.3589**, and if you desaturate by 10%, it is **91.9990, 0.3070, 0.3193**.

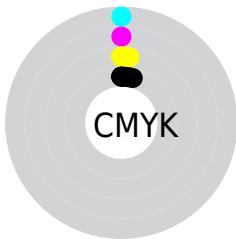
Distribution



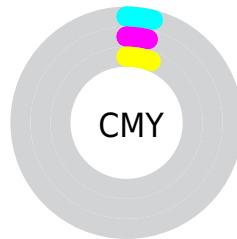
- Red (96%)
- Green (96%)
- Blue (94%)



- Red (94%)
- Yellow (96%)
- Blue (94%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)




- Cyan (4%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.0086, 0.3157, 0.3340 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 91.0086, 0.3157, 0.3340 by changing the saturation by 10% instead.


 91.0086, 0.3157,
0.3340

 91.0086, 0.3157,
0.3340


531.3064, 0.3144,
0.3318

 68.8175, 0.3160,
0.3345


148.7386, 0.3153,
0.3332

 50.5631, 0.3163,
0.3351


185.0463, 0.3151,
0.3329

 35.8610, 0.3168,
0.3358

226.8282, 0.3149,
0.3327

 24.3269, 0.3173,
0.3368

274.4689, 0.3148,
0.3325

 15.5763, 0.3181,
0.3380

328.3526, 0.3147,
0.3323

 9.2248, 0.3191,
0.3397

388.8639, 0.3146,

 4.8881, 0.3206,

0.3321

456.3870, 0.3145,
0.3319

0.3423

■ 2.1818, 0.3230,
0.3464

■ 0.7100, 0.3318,
0.3608

■ 91.0086, 0.3157,
0.3340

■ 91.0086, 0.3157,
0.3340

■ 89.5972, 0.3305,
0.3589

■ 91.9990, 0.3070,
0.3193

■ 88.3708, 0.3456,
0.3842

■ 92.0553, 0.3072,
0.3193


■ 87.3249, 0.3605,
0.4093

■ 92.1118, 0.3074,
0.3193

■ 86.4506, 0.3746,
0.4333

■ 92.1683, 0.3076,
0.3193


 85.7382, 0.3874,
0.4551

 92.2250, 0.3078,
0.3193


 85.1768, 0.3983,
0.4737

 92.2817, 0.3080,
0.3193

 84.7546, 0.4068,
0.4884

 92.3385, 0.3082,
0.3193

 84.4576, 0.4127,
0.4987

 92.3955, 0.3084,
0.3193

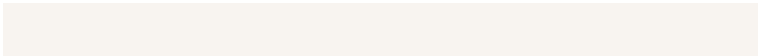
 84.2693, 0.4160,
0.5047

 92.4525, 0.3086,
0.3193

Harmonies

Analogous

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



91.0086, 0.3177, 0.3334



91.0086, 0.3157, 0.3340



91.0086, 0.3129, 0.3333

Triad

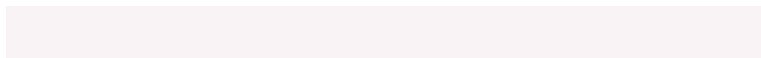
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.0086, 0.3157, 0.3340



91.0086, 0.3071, 0.3264



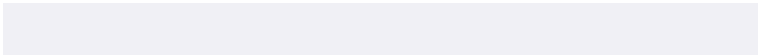
91.0086, 0.3154, 0.3266

Complementary

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



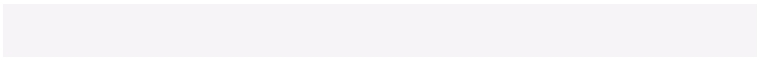
91.0086, 0.3157, 0.3340



87.4317, 0.3097, 0.3240

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.



91.0086, 0.3125, 0.3248



91.0086, 0.3157, 0.3340



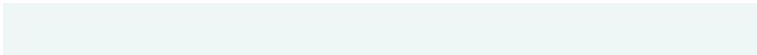
91.0086, 0.3078, 0.3247

Square

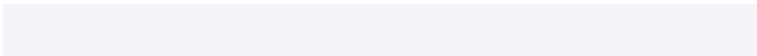
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



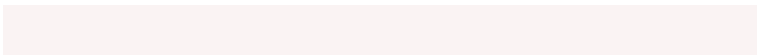
91.0086, 0.3157, 0.3340



91.0086, 0.3080, 0.3289



91.0086, 0.3097, 0.3241



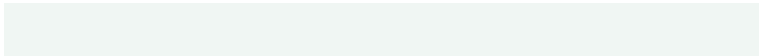
91.0086, 0.3175, 0.3291

Rectangle

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



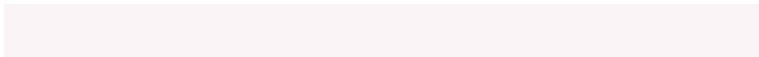
91.0086, 0.3157, 0.3340



91.0086, 0.3110, 0.3321



91.0086, 0.3097, 0.3241



91.0086, 0.3144, 0.3259

Sweetspot

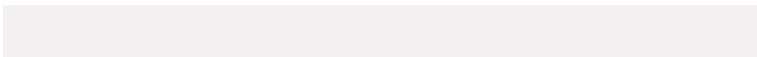
The Sweet Spot groups the original color and five complimentary colors.



91.0125, 0.3157, 0.3340



99.8307, 0.3142, 0.3314



88.0118, 0.3160, 0.3290



21.3697, 0.3141, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



91.0125, 0.3157, 0.3340



99.6635, 0.3156, 0.3339



90.5733, 0.3141, 0.3340



19.5370, 0.3155, 0.3336



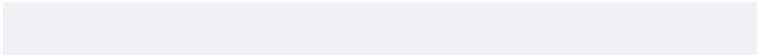
45.3437, 0.4171, 0.5070



3.9887, 0.4174, 0.5068

Inverse Universe

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



87.4317, 0.3097, 0.3240



95.8466, 0.3098, 0.3241



87.8651, 0.3113, 0.3240



18.8283, 0.3099, 0.3244



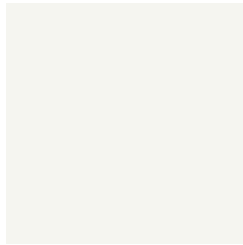
3.5669, 0.1504, 0.0602



0.3170, 0.1514, 0.0608

Previews

White Background



This preview shows how the Yxy color 91.0086, 0.3157, 0.3340 looks on a white background.

Color Contrast Check

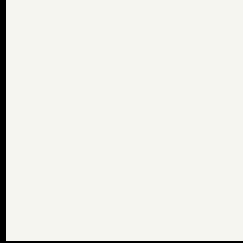
Large Text (above 18pt) WCAG AA × Fail

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 91.0086, 0.3157, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

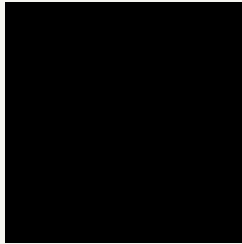
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

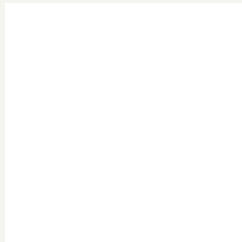
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0086, 0.3157, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 91.0086, 0.3157, 0.3340.

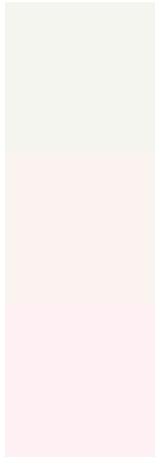


This preview shows how white text looks on a background with the Yxy color 91.0086, 0.3157, 0.3340.

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

91.0086, 0.3157, 0.3340

Protanopia

90.6572, 0.3197, 0.3330

Deuteranopia

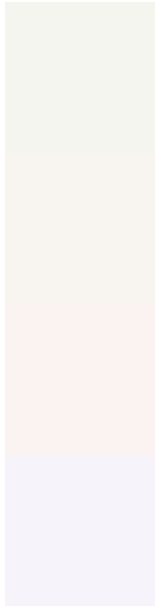
90.6417, 0.3207, 0.3271



Tritanopia

91.0953, 0.3081, 0.3173

Trichromacy



Original Color

91.0086, 0.3157, 0.3340

Protanomaly

90.8898, 0.3183, 0.3339

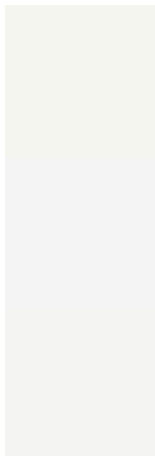
Deuteranomaly

90.4243, 0.3186, 0.3290

Tritanomaly

91.1963, 0.3104, 0.3231

Monochromacy



Original Color

91.0086, 0.3157, 0.3340

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.4055, 0.3133, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0086, 0.3157, 0.3340 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(245, 245, 240)` looks like.

```
.text, #text, p{  
    color:rgb(245, 245, 240)  
}
```

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(245, 245, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 245, 240) }
```

Border

The CSS property to change the border of an element to Yxy 91.0086, 0.3157, 0.3340 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(245, 245, 240) }
```

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

```
.border{ border-color:rgb(245, 245, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 245, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 245, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 245, 240);  
box-shadow:4px 4px 4px 4px rgb(245, 245,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0086, 0.3157, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 245, 240) }
```

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

```
.background{ background-color: rgb(245,  
245, 240) }
```

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](#).

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