

Converting Colors

$Yxy(91.9106, 0.3189, 0.3263)$

Have a look what the booklet for
Yxy(91.9106, 0.3189, 0.3263)
contains.

Yxy(92.0150, 0.3187, 0.3261)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(92.0150, 0.3187, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3F6
RGB	255, 243, 246
RGB Percent	100%, 95%, 96%
CMY	0.0000, 0.0470, 0.0352
CMYK	0.00, 0.05, 0.04, 0.00
HSL	345°, 100%, 98%
HSV	345°, 5%, 100%
XYZ	89.9270, 92.0150, 100.2261
YIQ	246.9300, 6.1890, 3.4770

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 243, 246
Decimal	16774134
CIE _{Lab}	96.83, 4.53, -0.02
CIE _{LCh}	97, 4.535, 359.694
Yxy	92.0150, 0.3187, 0.3261
Android (android.graphics.Color)	4294964214 (0xFFFFF3F6)
YUV	246.9300, -0.4585, 7.0774
Hunter-Lab	95.9244, -0.5282, 5.1983

Details

The Yxy color 92.0150, 0.3187, 0.3261 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.6020, 0.3071, 0.3319, and the grayscale version is 92.9554, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.2641, 0.3196, 0.3253 is the 20% darker color. If you saturate the color by 10%, you get 76.6887, 0.3336, 0.3196, and if you desaturate by 10%, it is 99.9998, 0.3127, 0.3290.

Distribution



Red (100%)

Green (95%)

Blue (96%)



Red (100%)

Yellow (95%)

Blue (96%)



Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.0150, 0.3187, 0.3261 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 92.0150, 0.3187, 0.3261 by changing the saturation by 10% instead.


 92.0150, 0.3187,
0.3261

 92.0150, 0.3187,
0.3261


534.5640, 0.3160,
0.3274

 69.6531, 0.3193,
0.3258

150.1342, 0.3178,
0.3265

 51.2438, 0.3200,
0.3255


186.6602, 0.3174,
0.3267

 36.4026, 0.3209,
0.3250


228.6765, 0.3171,
0.3269

 24.7453, 0.3220,
0.3245

276.5673, 0.3169,
0.3270

 15.8874, 0.3235,
0.3238

330.7170, 0.3166,
0.3271

 9.4445, 0.3255,
0.3228

391.5101, 0.3164,

 5.0322, 0.3285,

0.3272

0.3213

459.3310, 0.3162,
0.3273

■ 2.2662, 0.3333,
0.3190

■ 0.7557, 0.3441,
0.3137

■ 92.0150, 0.3187,
0.3261

■ 92.0150, 0.3187,
0.3261

■ 76.6887, 0.3336,
0.3196

99.9998, 0.3127,
0.3290

■ 63.5080, 0.3519,
0.3128

■ 52.3802, 0.3745,
0.3059

■ 43.2013, 0.4017,
0.2993

■ 35.8581, 0.4340,
0.2937

■ 30.2256, 0.4707,
0.2902

■ 26.1632, 0.5100,
0.2898

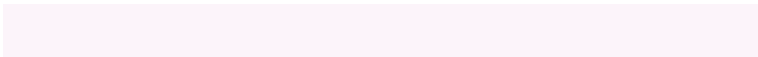
■ 23.5076, 0.5486,
0.2934

■ 22.0586, 0.5822,
0.3012

Harmonies

Analogous

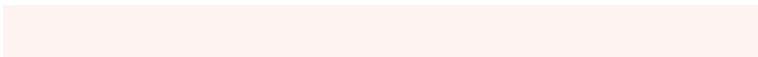
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0150, 0.3139, 0.3224



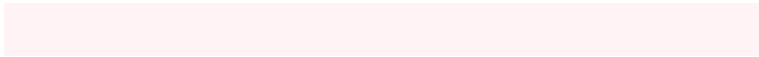
92.0150, 0.3187, 0.3261



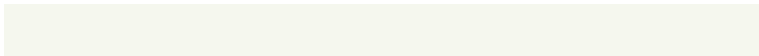
92.0150, 0.3219, 0.3305

Triad

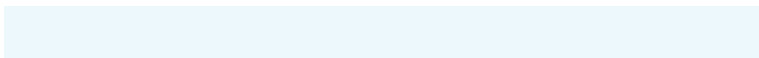
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.0150, 0.3187, 0.3261



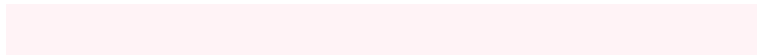
92.0150, 0.3165, 0.3377



92.0150, 0.3030, 0.3233

Complementary

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



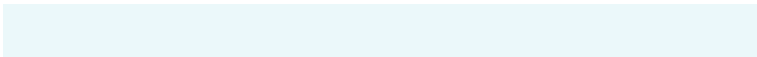
92.0150, 0.3187, 0.3261



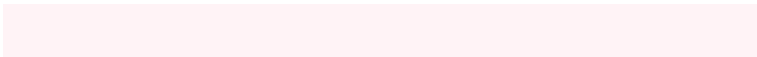
97.6020, 0.3071, 0.3319

Split Complementary

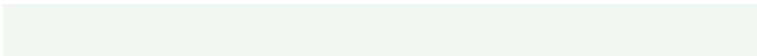
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0150, 0.3037, 0.3274



92.0150, 0.3187, 0.3261



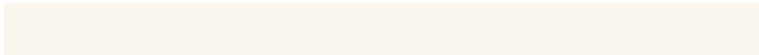
92.0150, 0.3115, 0.3357

Square

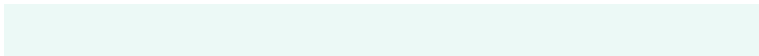
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.0150, 0.3187, 0.3261



92.0150, 0.3206, 0.3373



92.0150, 0.3068, 0.3319



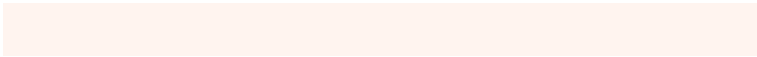
92.0150, 0.3049, 0.3208

Rectangle

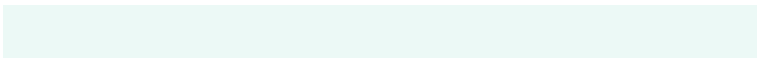
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



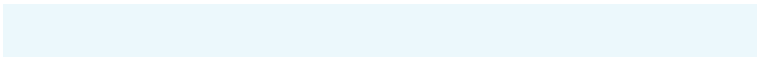
92.0150, 0.3187, 0.3261



92.0150, 0.3226, 0.3334



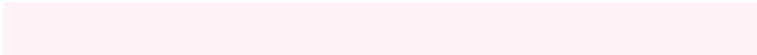
92.0150, 0.3068, 0.3319



92.0150, 0.3029, 0.3245

Sweetspot

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



92.0190, 0.3187, 0.3261



98.2615, 0.3139, 0.3284



91.9822, 0.3112, 0.3174



21.0503, 0.3139, 0.3284



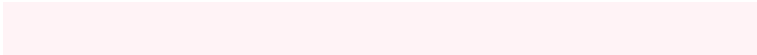
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

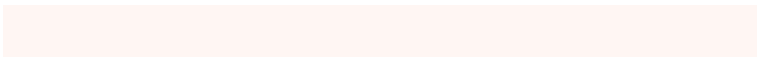
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.0190, 0.3187, 0.3261



89.9080, 0.3205, 0.3253



93.5232, 0.3203, 0.3317



19.0193, 0.3214, 0.3249



11.3231, 0.5931, 0.3041



1.1191, 0.5616, 0.2867

Inverse Universe

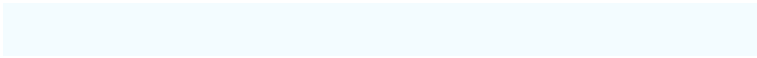
The Inverse Universe completely reimagines the original color for something new.



92.0190, 0.3187, 0.3261



89.9080, 0.3205, 0.3253



96.0222, 0.3054, 0.3263



19.0193, 0.3214, 0.3249



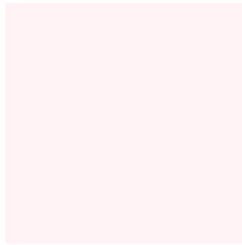
11.3231, 0.5931, 0.3041



1.1191, 0.5616, 0.2867

Previews

White Background



This preview shows how the Yxy color 92.0150, 0.3187, 0.3261 looks on a white background.

Color Contrast Check

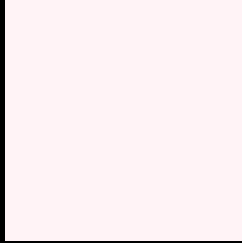
Large Text (above 18pt) WCAG AA × Fail

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 92.0150, 0.3187, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

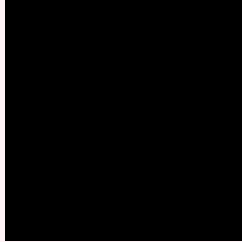
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.0150, 0.3187, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 92.0150, 0.3187, 0.3261.



This preview shows how white text looks on a background with the Yxy color 92.0150, 0.3187, 0.3261.

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

92.0150, 0.3187, 0.3261

Protanopia

92.3442, 0.3147, 0.3271

Deuteranopia

92.0150, 0.3187, 0.3261



Tritanopia

92.2038, 0.3120, 0.3175

Trichromacy



Original Color

92.0150, 0.3187, 0.3261

Protanomaly

92.1122, 0.3161, 0.3261

Deuteranomaly

92.0150, 0.3187, 0.3261

Tritanomaly

92.2003, 0.3144, 0.3203

Monochromacy



Original Color

92.0150, 0.3187, 0.3261

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.9509, 0.3147, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0150, 0.3187, 0.3261 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(255, 243, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 246)  
}
```

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(255, 243, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 246) }
```

Border

The CSS property to change the border of an element to Yxy 92.0150, 0.3187, 0.3261 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(255, 243, 246) }
```

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

```
.border{ border-color:rgb(255, 243, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0150, 0.3187, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 246) }
```

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

```
.background{ background-color: rgb(255,  
243, 246) }
```

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