

Converting Colors

$Y_{xy}(57.7880, 0.4091, 0.4006)$

Have a look what the booklet for
Yxy(57.7880, 0.4091, 0.4006)
contains.

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Color

Yxy(57.6195, 0.4094, 0.4002)

Conversions

Conversions Part 1

Format	Color
Hex	F2BF7D
RGB	242, 191, 125
RGB Percent	95%, 75%, 49%
CMY	0.0511, 0.2509, 0.5098
CMYK	0.00, 0.21, 0.48, 0.05
HSL	34°, 82%, 72%
HSV	34°, 48%, 95%
XYZ	58.9441, 57.6195, 27.4132
YIQ	198.7250, 51.5820, -9.7140

Conversions

Conversions Part 2

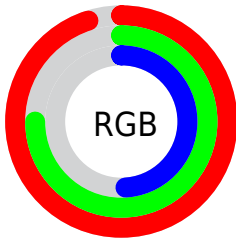
Format	Color
R_{YB}	215, 242, 125
Decimal	15908733
CIE _{Lab}	80.53, 10.32, 40.14
CIE _{LCh}	81, 41.444, 75.576
Yxy	57.6195, 0.4094, 0.4002
Android (android.graphics.Color)	4294098813 (0xFFFF2BF7D)
YUV	198.7250, -36.3464, 37.9522
Hunter-Lab	75.9075, 5.7716, 31.7233

Details

The Yxy color **57.6195, 0.4094, 0.4002** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.8004, 0.2329, 0.2434**, and the grayscale version is **57.1393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0362, 0.3600, 0.3966**, and **28.7522, 0.4315, 0.4151** is the 20% darker color. If you saturate the color by 10%, you get **52.6435, 0.4342, 0.4129**, and if you desaturate by 10%, it is **63.0826, 0.3857, 0.3858**.

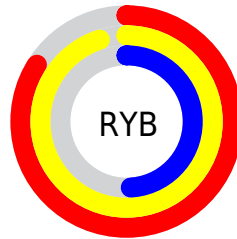
Distribution



Red (95%)

Green (75%)

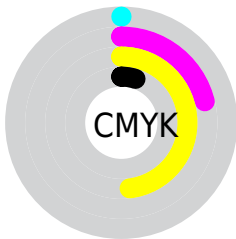
Blue (49%)



Red (84%)

Yellow (95%)

Blue (49%)

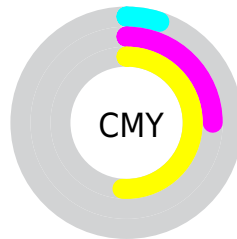


Cyan (0%)

Magenta (21%)

Yellow (48%)

Black (5%)



Cyan (5%)


Magenta (25%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6195, 0.4094, 0.4002 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 57.6195, 0.4094, 0.4002 by changing the saturation by 10% instead.


 57.6195, 0.4094,
0.4002


 57.6195, 0.4094,
0.4002


415.7666, 0.3634,
0.3680

 41.5028, 0.4199,
0.4070


 101.3686, 0.3934,
0.3894

 28.7122, 0.4327,
0.4151


 129.7697, 0.3872,
0.3850

 18.8632, 0.4486,
0.4245


 163.0345, 0.3818,
0.3813

 11.5715, 0.4684,
0.4352

201.5473, 0.3771,
0.3780

 6.4526, 0.4932,
0.4464

245.6925, 0.3731,
0.3750

 3.1222, 0.5349,
0.4651

295.8546, 0.3695,

 1.1959, 0.5519,

0.3724

0.4481

352.4178, 0.3663,
0.3701

0.0583, 0.8406,
0.1594

0.0000, 0.0000,
0.0000

57.6195, 0.4094,
0.4002

57.6195, 0.4094,
0.4002

52.6435, 0.4342,
0.4129

63.0826, 0.3857,
0.3858

48.1282, 0.4591,
0.4225


69.0412, 0.3637,
0.3706


44.0566, 0.4828,
0.4280


75.5137, 0.3438,
0.3554

40.4063, 0.5039,
0.4282


82.5150, 0.3260,
0.3407

 37.1485, 0.5213,
0.4232

 90.0590, 0.3102,
0.3268

 36.6421, 0.5241,
0.4221

 97.1428, 0.3047,
0.3283

 97.6132, 0.3047,
0.3290

Harmonies

Analogous

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



57.6195, 0.4202, 0.3612



57.6195, 0.4094, 0.4002



57.6195, 0.3722, 0.4247

Triad

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



57.6195, 0.4094, 0.4002



57.6195, 0.2322, 0.3306



57.6195, 0.2971, 0.2544

Complementary

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



57.6195, 0.4094, 0.4002



41.8004, 0.2329, 0.2434

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.



57.6195, 0.2507, 0.2437



57.6195, 0.4094, 0.4002



57.6195, 0.2159, 0.2821

Square

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



57.6195, 0.4094, 0.4002



57.6195, 0.2697, 0.3847



57.6195, 0.2224, 0.2523



57.6195, 0.3522, 0.2811

Rectangle

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



57.6195, 0.4094, 0.4002



57.6195, 0.3386, 0.4261



57.6195, 0.2224, 0.2523



57.6195, 0.2800, 0.2488

Sweetspot

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



57.6223, 0.4094, 0.4002



87.6027, 0.3377, 0.3505



36.7377, 0.3849, 0.2722



18.4012, 0.3416, 0.3536



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.



57.6223, 0.4094, 0.4002



59.3991, 0.4337, 0.4126



82.8258, 0.3796, 0.4487



17.2392, 0.3279, 0.3423



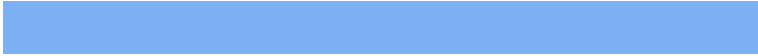
19.9655, 0.5219, 0.4238



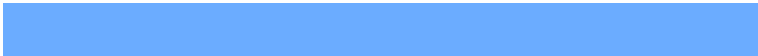
1.8585, 0.5047, 0.4375

Inverse Universe

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



41.8004, 0.2329, 0.2434



39.6775, 0.2171, 0.2220



25.8868, 0.2242, 0.1775



16.3615, 0.2980, 0.3153



9.1782, 0.1714, 0.1371



0.9580, 0.1785, 0.1625

Previews

White Background



This preview shows how the Yxy color 57.6195, 0.4094, 0.4002 looks on a white background.

Color Contrast Check

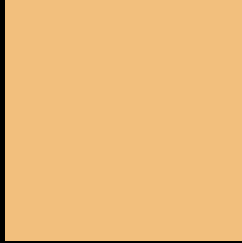
Large Text (above 18pt) WCAG AA × Fail

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 57.6195, 0.4094, 0.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

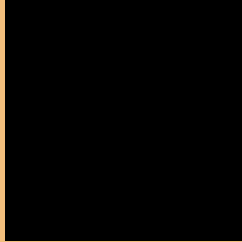
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6195, 0.4094, 0.4002

Background



This preview shows how black text looks on a background with the Yxy color 57.6195, 0.4094, 0.4002.



This preview shows how white text looks on a background with the Yxy color 57.6195, 0.4094, 0.4002.

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

57.6195, 0.4094, 0.4002

Protanopia

57.7990, 0.3812, 0.4116

Deuteranopia

57.6195, 0.4094, 0.4002



Tritanopia

57.3979, 0.3581, 0.3142

Trichromacy



Original Color

57.6195, 0.4094, 0.4002

Protanomaly

57.8219, 0.3911, 0.4071

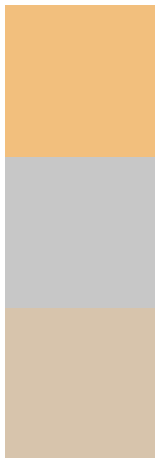
Deuteranomaly

57.6195, 0.4094, 0.4002

Tritanomaly

57.1930, 0.3781, 0.3454

Monochromacy



Original Color

57.6195, 0.4094, 0.4002

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9055, 0.3468, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6195, 0.4094, 0.4002 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(242, 191, 125)` looks like.

```
.text, #text, p{  
    color:rgb(242, 191, 125)  
}
```

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(242, 191, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 191, 125) }
```

Border

The CSS property to change the border of an element to Yxy 57.6195, 0.4094, 0.4002 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(242, 191, 125) }
```

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

```
.border{ border-color:rgb(242, 191, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 191, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 191, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 191, 125);  
box-shadow:4px 4px 4px 4px rgb(242, 191,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6195, 0.4094, 0.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 191, 125) }
```

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

```
.background{ background-color: rgb(242,  
191, 125) }
```

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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