

Converting Colors

Yxy(57.4430, 0.4086, 0.4004)

Have a look what the booklet for
Yxy(57.4430, 0.4086, 0.4004)
contains.

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Color

Yxy(57.4430, 0.4086, 0.4004)

Conversions

Conversions Part 1

Format	Color
Hex	F1BF7D
RGB	241, 191, 125
RGB Percent	95%, 75%, 49%
CMY	0.0547, 0.2510, 0.5098
CMYK	0.00, 0.21, 0.48, 0.05
HSL	34°, 81%, 72%
HSV	34°, 48%, 95%
XYZ	58.6194, 57.4430, 27.4016
YIQ	198.4260, 50.9860, -9.9260

Conversions

Conversions Part 2

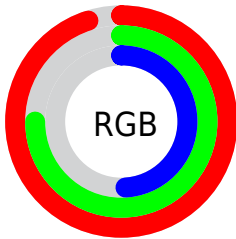
Format	Color
RYB	213, 241, 125
Decimal	15843197
CIELab	80.43, 9.96, 39.98
CIElCh	80, 41.208, 76.007
Yxy	57.4430, 0.4086, 0.4004
Android (android.graphics.Color)	4294033277 (0xFFFF1BF7D)
YUV	198.4260, -36.1990, 37.3374
Hunter-Lab	75.7912, 5.4233, 31.6180

Details

The Yxy color **57.4430, 0.4086, 0.4004** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.3980, 0.2331, 0.2432**, and the grayscale version is **56.9497, 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 **52.5275, 0.4332, 0.4132**, and if you desaturate by 10%, it is **62.8355, 0.3850, 0.3859**.

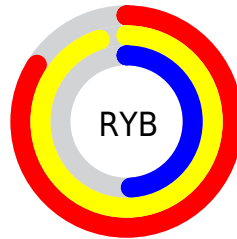
Distribution



Red (95%)

Green (75%)

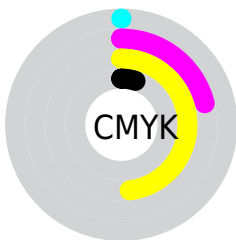
Blue (49%)



Red (84%)

Yellow (95%)

Blue (49%)

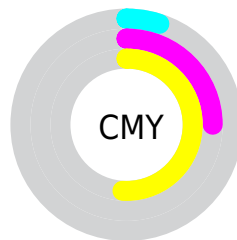


Cyan (0%)

Magenta (21%)

Yellow (48%)

Black (5%)



Cyan (5%)


Magenta (25%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4430, 0.4086, 0.4004 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 57.4430, 0.4086, 0.4004 by changing the saturation by 10% instead.


 57.4430, 0.4086,
0.4004


 57.4430, 0.4086,
0.4004


415.1072, 0.3630,
0.3680


 41.3610, 0.4190,
0.4073


 101.1113, 0.3927,
0.3895

 28.6013, 0.4317,
0.4154


 129.4664, 0.3865,
0.3851

 18.7794, 0.4475,
0.4249


 162.6813, 0.3812,
0.3814

 11.5110, 0.4672,
0.4358

201.1405, 0.3766,
0.3780

 6.4116, 0.4919,
0.4473

245.2282, 0.3726,
0.3751

 3.0970, 0.5334,
0.4666

295.3290, 0.3690,

 1.1826, 0.5500,

0.3725

0.4500

351.8272, 0.3658,
0.3701

0.0474, 0.8588,
0.1412

0.0000, 0.0000,
0.0000

57.4430, 0.4086,
0.4004

57.4430, 0.4086,
0.4004

52.5275, 0.4332,
0.4132

62.8355, 0.3850,
0.3859

48.0630, 0.4580,
0.4230


68.7131, 0.3632,
0.3706

44.0330, 0.4815,
0.4287


75.0937, 0.3434,
0.3553


40.4156, 0.5024,
0.4291


81.9919, 0.3256,
0.3405

 37.1830, 0.5197,
0.4243

 89.4214, 0.3099,
0.3265

 36.6179, 0.5228,
0.4231

 96.4167, 0.3042,
0.3274

 97.4484, 0.3042,
0.3290

Harmonies

Analogous

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



57.4430, 0.4198, 0.3617



57.4430, 0.4086, 0.4004



57.4430, 0.3712, 0.4245

Triad

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



57.4430, 0.4086, 0.4004



57.4430, 0.2322, 0.3299



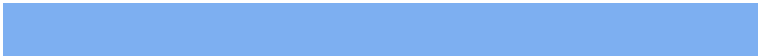
57.4430, 0.2980, 0.2550

Complementary

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



57.4430, 0.4086, 0.4004



41.3980, 0.2331, 0.2432

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.



57.4430, 0.2515, 0.2440



57.4430, 0.4086, 0.4004



57.4430, 0.2162, 0.2818

Square

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



57.4430, 0.4086, 0.4004



57.4430, 0.2692, 0.3837



57.4430, 0.2230, 0.2524



57.4430, 0.3528, 0.2818

Rectangle

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



57.4430, 0.4086, 0.4004



57.4430, 0.3377, 0.4255



57.4430, 0.2230, 0.2524



57.4430, 0.2809, 0.2494

Sweetspot

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



57.4457, 0.4086, 0.4004



88.4752, 0.3359, 0.3492



36.4839, 0.3866, 0.2745



18.5797, 0.3398, 0.3524



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.



57.4457, 0.4086, 0.4004



59.6725, 0.4333, 0.4132



81.7926, 0.3780, 0.4488



17.2508, 0.3279, 0.3424



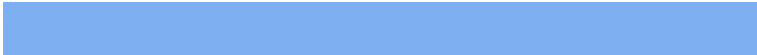
20.1223, 0.5206, 0.4248



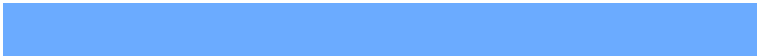
1.8713, 0.5036, 0.4383

Inverse Universe

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



41.3980, 0.2331, 0.2432



39.4401, 0.2169, 0.2212



25.9880, 0.2260, 0.1788



16.3502, 0.2980, 0.3152



9.0648, 0.1711, 0.1358



0.9481, 0.1782, 0.1613

Previews

White Background



This preview shows how the Yxy color 57.4430, 0.4086, 0.4004 looks on a white background.

Color Contrast Check

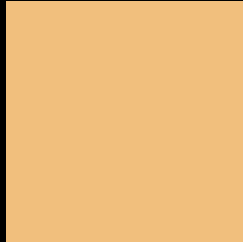
Large Text (above 18pt) WCAG AA × Fail

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 57.4430, 0.4086, 0.4004 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 57.4430, 0.4086, 0.4004

Background



This preview shows how black text looks on a background with the Yxy color 57.4430, 0.4086, 0.4004.



This preview shows how white text looks on a background with the Yxy color 57.4430, 0.4086, 0.4004.

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

57.4430, 0.4086, 0.4004

Protanopia

57.6188, 0.3810, 0.4130

Deuteranopia

57.4430, 0.4086, 0.4004



Tritanopia

57.3979, 0.3581, 0.3142

Trichromacy



Original Color

57.4430, 0.4086, 0.4004

Protanomaly

57.6336, 0.3910, 0.4085

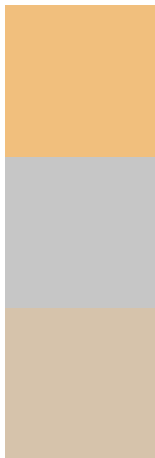
Deuteranomaly

57.4430, 0.4086, 0.4004

Tritanomaly

57.0127, 0.3773, 0.3455

Monochromacy



Original Color

57.4430, 0.4086, 0.4004

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2666, 0.3469, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4430, 0.4086, 0.4004 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(241, 191, 125)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 191, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 191, 125) }
```

Border

The CSS property to change the border of an element to Yxy 57.4430, 0.4086, 0.4004 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(241, 191, 125) }
```

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

```
.border{ border-color:rgb(241, 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(241, 191, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 191, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 191, 125);  
box-shadow:4px 4px 4px 4px rgb(241, 191,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4430, 0.4086, 0.4004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 191, 125) }
```

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

```
.background{ background-color: rgb(241,  
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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