

Converting Colors

$Yxy(63.7434, 0.4286, 0.4372)$

Have a look what the booklet for
Yxy(63.7434, 0.4286, 0.4372)
contains.

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Color

Yxy(63.6598, 0.4286, 0.4370)

Conversions

Conversions Part 1

Format	Color
Hex	F9CB5E
RGB	249, 203, 94
RGB Percent	98%, 80%, 37%
CMY	0.0236, 0.2039, 0.6315
CMYK	0.00, 0.18, 0.62, 0.02
HSL	42°, 93%, 67%
HSV	42°, 62%, 98%
XYZ	62.4361, 63.6598, 19.5787
YIQ	204.3280, 62.4050, -24.1470

Conversions

Conversions Part 2

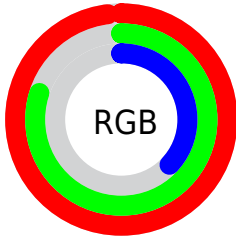
Format	Color
RYB	159, 249, 94
Decimal	16370526
CIELab	83.79, 4.52, 59.16
CIELCh	84, 59.336, 85.627
Yxy	63.6598, 0.4286, 0.4370
Android (android.graphics.Color)	4294560606 (0xFFFF9CB5E)
YUV	204.3280, -54.3917, 39.1773
Hunter-Lab	79.7871, 0.0550, 41.3020

Details

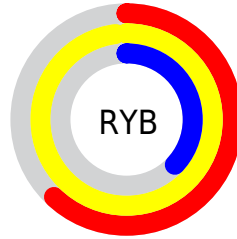
The Yxy color **63.6598, 0.4286, 0.4370** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **27.9520, 0.2039, 0.1834**, and the grayscale version is **60.9223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9181, 0.3756, 0.4329**, and **32.4669, 0.4513, 0.4562** is the 20% darker color. If you saturate the color by 10%, you get **59.8812, 0.4471, 0.4478**, and if you desaturate by 10%, it is **67.7547, 0.4087, 0.4226**.

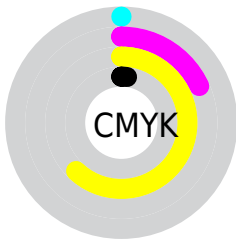
Distribution



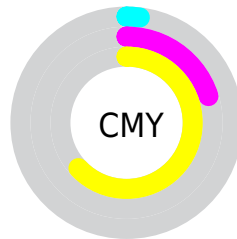
- Red (98%)
- Green (80%)
- Blue (37%)



- Red (62%)
- Yellow (98%)
- Blue (37%)



- Cyan (0%)
- Magenta (18%)
- Yellow (62%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6598, 0.4286, 0.4370 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 63.6598, 0.4286, 0.4370 by changing the saturation by 10% instead.


 63.6598, 0.4286,
0.4370


 63.6598, 0.4286,
0.4370

437.9601, 0.3767,
0.3899


 46.3752, 0.4392,
0.4462

 110.1208, 0.4115,
0.4217


 32.5420, 0.4513,
0.4566


 140.0661, 0.4045,
0.4154

 21.7758, 0.4651,
0.4679


 175.0003, 0.3984,
0.4099

 13.6923, 0.4801,
0.4795

 215.3079, 0.3930,
0.4049

 7.9069, 0.5029,
0.4971

261.3733, 0.3883,
0.4006

 4.0355, 0.5068,
0.4932

313.5808, 0.3840,

 1.6934, 0.5133,

0.3966

0.4867

372.3150, 0.3802,
0.3931

■ 0.4194, 0.5483,
0.4517

■ 0.0000, 0.0000,
0.0000

■ 63.6598, 0.4286,
0.4370

■ 63.6598, 0.4286,
0.4370

■ 59.8812, 0.4471,
0.4478

■ 67.7547, 0.4087,
0.4226

■ 56.3929, 0.4634,
0.4541

■ 72.1714, 0.3885,
0.4058

■ 53.1783, 0.4766,
0.4552


■ 76.9263, 0.3687,
0.3876

■ 50.8555, 0.4849,
0.4532

■ 82.0318, 0.3498,
0.3690

 87.4993, 0.3322,
0.3506

 93.3396, 0.3161,
0.3329

 98.6796, 0.3090,
0.3287

 98.8755, 0.3090,
0.3290

Harmonies

Analogous

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



63.6598, 0.4598, 0.3863



63.6598, 0.4286, 0.4370



63.6598, 0.3682, 0.4659

Triad

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



63.6598, 0.4286, 0.4370



63.6598, 0.1939, 0.3039



63.6598, 0.3150, 0.2398

Complementary

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



63.6598, 0.4286, 0.4370



27.9520, 0.2039, 0.1834

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.



63.6598, 0.2467, 0.2181



63.6598, 0.4286, 0.4370



63.6598, 0.1838, 0.2467

Square

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



63.6598, 0.4286, 0.4370



63.6598, 0.2332, 0.3824



63.6598, 0.2018, 0.2191



63.6598, 0.3912, 0.2796

Rectangle

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



63.6598, 0.4286, 0.4370



63.6598, 0.3205, 0.4604



63.6598, 0.2018, 0.2191



63.6598, 0.2902, 0.2303

Sweetspot

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



63.6629, 0.4286, 0.4370



88.4373, 0.3439, 0.3630



30.0430, 0.4506, 0.2830



18.5830, 0.3491, 0.3683



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.



63.6629, 0.4286, 0.4370



62.1498, 0.4520, 0.4501



83.4464, 0.3778, 0.4865



19.2706, 0.3276, 0.3456



27.4871, 0.4836, 0.4542



2.7301, 0.4741, 0.4618

Inverse Universe

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



27.9520, 0.2039, 0.1834



21.8446, 0.1842, 0.1494



19.1960, 0.2103, 0.1366



17.4817, 0.2979, 0.3118



6.4846, 0.1608, 0.0987



0.7764, 0.1672, 0.1217

Previews

White Background



This preview shows how the Yxy color 63.6598, 0.4286, 0.4370 looks on a white background.

Color Contrast Check

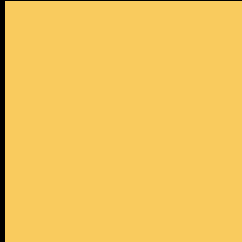
Large Text (above 18pt) WCAG AA × Fail

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 63.6598, 0.4286, 0.4370 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 63.6598, 0.4286, 0.4370

Background



This preview shows how black text looks on a background with the Yxy color 63.6598, 0.4286, 0.4370.



This preview shows how white text looks on a background with the Yxy color 63.6598, 0.4286, 0.4370.

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

63.6598, 0.4286, 0.4370

Protanopia

63.6013, 0.4096, 0.4477

Deuteranopia

63.6943, 0.4256, 0.4189



Tritanopia

63.4155, 0.3535, 0.3147

Trichromacy



Original Color

63.6598, 0.4286, 0.4370

Protanomaly

63.6290, 0.4164, 0.4442

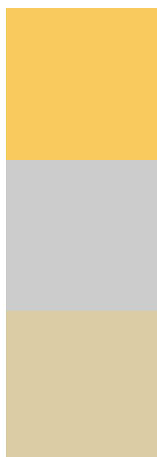
Deuteranomaly

63.6554, 0.4272, 0.4256

Tritanomaly

63.0791, 0.3845, 0.3618

Monochromacy



Original Color

63.6598, 0.4286, 0.4370

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.0817, 0.3552, 0.3753

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6598, 0.4286, 0.4370 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(249, 203, 94)` looks like.

```
.text, #text, p{  
    color:rgb(249, 203, 94)  
}
```

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(249, 203, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 203, 94) }
```

Border

The CSS property to change the border of an element to Yxy 63.6598, 0.4286, 0.4370 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(249, 203, 94) }
```

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

```
.border{ border-color:rgb(249, 203, 94) }
```

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

Here you see how a box with a 4 pixel rgb(249, 203, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 203, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 203, 94);  
box-shadow:4px 4px 4px 4px rgb(249, 203,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6598, 0.4286, 0.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 203, 94) }
```

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

```
.background{ background-color: rgb(249,  
203, 94) }
```

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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