

Converting Colors

$Yxy(62.8521, 0.4316, 0.4750)$

Have a look what the booklet for
Yxy(62.8521, 0.4316, 0.4750)
contains.

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Color

Yxy(62.8521, 0.4316, 0.4750)

Conversions

Conversions Part 1

Format	Color
Hex	EAD034
RGB	234, 208, 52
RGB Percent	92%, 82%, 20%
CMY	0.0823, 0.1843, 0.7964
CMYK	0.00, 0.11, 0.78, 0.08
HSL	51°, 81%, 56%
HSV	51°, 78%, 92%
XYZ	57.1094, 62.8521, 12.3587
YIQ	197.9900, 65.5720, -43.0040

Conversions

Conversions Part 2

Format	Color
RYB	82, 234, 52
Decimal	15388724
CIELab	83.36, -6.38, 74.48
CIELCh	83, 74.755, 94.895
Yxy	62.8521, 0.4316, 0.4750
Android (android.graphics.Color)	4293578804 (0xFFEAD034)
YUV	197.9900, -71.9731, 31.5808
Hunter-Lab	79.2793, -10.1551, 46.2529

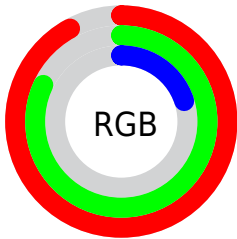
Details

The Yxy color **62.8521, 0.4316, 0.4750** is a light color, and the websafe version is hex **FFCC33**.

The color can be described as light washed yellow. A complement of this color would be **12.1062, 0.1721, 0.1098**, and the grayscale version is **56.8784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9277, 0.3939, 0.4633**, and **32.1099, 0.4410, 0.4881** is the 20% darker color. If you saturate the color by 10%, you get **61.0814, 0.4403, 0.4811**, and if you desaturate by 10%, it is **64.7675, 0.4201, 0.4643**.

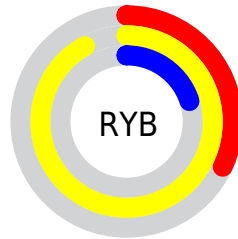
Distribution



Red (92%)

Green (82%)

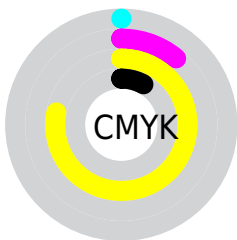
Blue (20%)



Red (32%)

Yellow (92%)

Blue (20%)

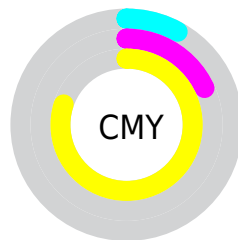


Cyan (0%)

Magenta (11%)

Yellow (78%)

Black (8%)



Cyan (8%)


Magenta (18%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8521, 0.4316, 0.4750 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 62.8521, 0.4316, 0.4750 by changing the saturation by 10% instead.

 62.8521, 0.4316,
0.4750


 62.8521, 0.4316,
0.4750


435.0325, 0.3822,
0.4117


 45.7216, 0.4401,
0.4868


 108.9561, 0.4165,
0.4549

 32.0262, 0.4488,
0.4997

 138.6984, 0.4099,
0.4464


 21.3815, 0.4570,
0.5130

 173.4133, 0.4040,
0.4389

 13.4031, 0.4680,
0.5312

 213.4854, 0.3987,
0.4322

 7.7067, 0.4645,
0.5355

 259.2990, 0.3940,
0.4263

 3.9079, 0.4587,
0.5413

311.2384, 0.3897,

 1.6222, 0.4487,

0.4209

0.5513

369.6881, 0.3857,
0.4161

■ 0.3725, 0.3474,
0.6526

■ 0.0000, 0.0000,
0.0000

■ 62.8521, 0.4316,
0.4750

■ 62.8521, 0.4316,
0.4750

■ 61.0814, 0.4403,
0.4811

■ 64.7675, 0.4201,
0.4643

■ 59.4276, 0.4463,
0.4829

■ 66.8324, 0.4062,
0.4495

■ 59.0766, 0.4474,
0.4830

■ 69.0615, 0.3907,
0.4314

■ 71.4654, 0.3741,
0.4110

■ 74.0532, 0.3572,
0.3893

■ 76.8338, 0.3405,
0.3673

■ 79.8149, 0.3246,
0.3455

■ 83.0040, 0.3095,
0.3245

■ 85.9144, 0.2999,
0.3120

Harmonies

Analogous

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



62.8521, 0.4869, 0.4135



62.8521, 0.4316, 0.4750



62.8521, 0.3499, 0.5047

Triad

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



62.8521, 0.4316, 0.4750



62.8521, 0.1606, 0.2686



62.8521, 0.3442, 0.2332

Complementary

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



62.8521, 0.4316, 0.4750



12.1062, 0.1721, 0.1098

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.



62.8521, 0.2534, 0.2004



62.8521, 0.4316, 0.4750



62.8521, 0.1602, 0.2123

Square

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



62.8521, 0.4316, 0.4750



62.8521, 0.1948, 0.3635



62.8521, 0.1907, 0.1920



62.8521, 0.4381, 0.2850

Rectangle

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



62.8521, 0.4316, 0.4750



62.8521, 0.2911, 0.4863



62.8521, 0.1907, 0.1920



62.8521, 0.3118, 0.2198

Sweetspot

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



62.8551, 0.4316, 0.4750



91.5523, 0.3493, 0.3789



20.5104, 0.5496, 0.3081



19.3374, 0.3554, 0.3870



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.



62.8551, 0.4316, 0.4750



73.0825, 0.4440, 0.4826



67.6782, 0.3641, 0.5279



17.2388, 0.3271, 0.3490



33.3355, 0.4469, 0.4834



2.7181, 0.4425, 0.4869

Inverse Universe

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



12.1062, 0.1721, 0.1098



9.7786, 0.1564, 0.0784



12.0777, 0.2033, 0.1057



14.8960, 0.2980, 0.3082



4.0709, 0.1532, 0.0716



0.4282, 0.1590, 0.0922

Previews

White Background



This preview shows how the Yxy color 62.8521, 0.4316, 0.4750 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 62.8521, 0.4316, 0.4750 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 62.8521, 0.4316, 0.4750

Background



This preview shows how black text looks on a background with the Yxy color 62.8521, 0.4316, 0.4750.



This preview shows how white text looks on a background with the Yxy color 62.8521, 0.4316, 0.4750.

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

62.8521, 0.4316, 0.4750

Protanopia

62.6833, 0.4307, 0.4755

Deuteranopia

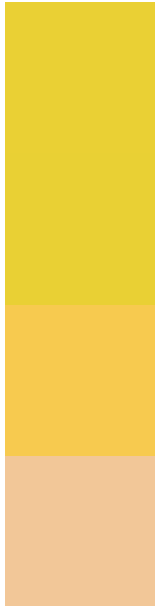
62.9150, 0.4363, 0.4310



Tritanopia

62.7799, 0.3433, 0.3133

Trichromacy



Original Color

62.8521, 0.4316, 0.4750

Protanomaly

62.6833, 0.4307, 0.4755

Deuteranomaly

62.5797, 0.4357, 0.4478

Tritanomaly

61.9911, 0.3846, 0.3802

Monochromacy



Original Color

62.8521, 0.4316, 0.4750

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.1343, 0.3626, 0.3970

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8521, 0.4316, 0.4750 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(234, 208, 52)` looks like.

```
.text, #text, p{  
    color:rgb(234, 208, 52)  
}
```

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(234, 208, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 208, 52) }
```

Border

The CSS property to change the border of an element to Yxy 62.8521, 0.4316, 0.4750 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(234, 208, 52) }
```

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

```
.border{ border-color:rgb(234, 208, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 208, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 208, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 208, 52);  
box-shadow:4px 4px 4px 4px rgb(234, 208,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8521, 0.4316, 0.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 208, 52) }
```

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

```
.background{ background-color: rgb(234,  
208, 52) }
```

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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