

Converting Colors

$Yxy(60.1633, 0.4195, 0.4700)$

Have a look what the booklet for
Yxy(60.1633, 0.4195, 0.4700)
contains.

Yxy(60.3952, 0.4194, 0.4705)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.3952, 0.4194, 0.4705)

Conversions

Conversions Part 1

Format	Color
Hex	E0CE43
RGB	224, 206, 67
RGB Percent	88%, 81%, 26%
CMY	0.1214, 0.1922, 0.7372
CMYK	0.00, 0.08, 0.70, 0.12
HSL	53°, 72%, 57%
HSV	53°, 70%, 88%
XYZ	53.8358, 60.3952, 14.1329
YIQ	195.5360, 55.3470, -39.4130

Conversions

Conversions Part 2

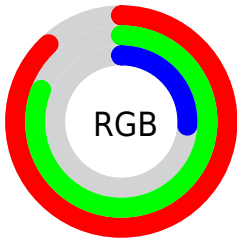
Format	Color
RYB	87, 224, 67
Decimal	14732867
CIELab	82.05, -8.94, 67.79
CIELCh	82, 68.380, 97.516
Yxy	60.3952, 0.4194, 0.4705
Android (android.graphics.Color)	4292922947 (0xFFE0CE43)
YUV	195.5360, -63.3682, 24.9629
Hunter-Lab	77.7143, -12.3461, 43.6178

Details

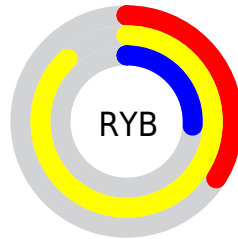
The Yxy color **60.3952, 0.4194, 0.4705** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **13.0873, 0.1827, 0.1256**, and the grayscale version is **55.2771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2101, 0.3884, 0.4541**, and **30.4558, 0.4337, 0.4939** is the 20% darker color. If you saturate the color by 10%, you get **58.9489, 0.4294, 0.4805**, and if you desaturate by 10%, it is **61.9715, 0.4069, 0.4562**.

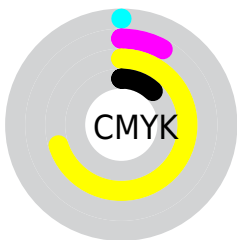
Distribution



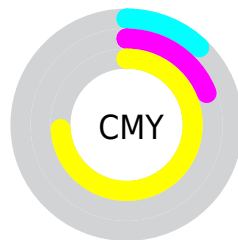
- Red (88%)
- Green (81%)
- Blue (26%)



- Red (34%)
- Yellow (88%)
- Blue (26%)



- Cyan (0%)
- Magenta (8%)
- Yellow (70%)
- Black (12%)





- Cyan (12%)
- Magenta (19%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3952, 0.4194, 0.4705 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 60.3952, 0.4194, 0.4705 by changing the saturation by 10% instead.


 60.3952, 0.4194,
0.4705


 60.3952, 0.4194,
0.4705


426.0529, 0.3740,
0.4068


 43.7373, 0.4276,
0.4832


 105.4027, 0.4052,
0.4496


 30.4640, 0.4362,
0.4976


 134.5211, 0.3992,
0.4411

 20.1910, 0.4446,
0.5133


 168.5618, 0.3938,
0.4335

 12.5340, 0.4536,
0.5324

 207.9091, 0.3889,
0.4269

 7.1084, 0.4543,
0.5457

 252.9475, 0.3846,
0.4210

 3.5300, 0.4455,
0.5545

304.0613, 0.3807,

 1.4143, 0.4301,

0.4158

0.5699

361.6350, 0.3772,
0.4111

0.2272, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.3952, 0.4194,
0.4705

60.3952, 0.4194,
0.4705

58.9489, 0.4294,
0.4805

61.9715, 0.4069,
0.4562

57.6113, 0.4366,
0.4861

63.6800, 0.3924,
0.4384

56.3728, 0.4414,
0.4877

65.5331, 0.3767,
0.4180

67.5394, 0.3603,
0.3961

69.7066, 0.3439,
0.3735

72.0418, 0.3280,
0.3510

74.5519, 0.3128,
0.3292

77.2431, 0.2987,
0.3085

79.2099, 0.2935,
0.3024

Harmonies

Analogous

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



60.3952, 0.4731, 0.4157



60.3952, 0.4194, 0.4705



60.3952, 0.3418, 0.4908

Triad

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



60.3952, 0.4194, 0.4705



60.3952, 0.1684, 0.2676



60.3952, 0.3504, 0.2427

Complementary

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



60.3952, 0.4194, 0.4705



13.0873, 0.1827, 0.1256

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.



60.3952, 0.2642, 0.2097



60.3952, 0.4194, 0.4705



60.3952, 0.1703, 0.2170

Square

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



60.3952, 0.4194, 0.4705



60.3952, 0.1985, 0.3529



60.3952, 0.2022, 0.1997



60.3952, 0.4355, 0.2932

Rectangle

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



60.3952, 0.4194, 0.4705



60.3952, 0.2868, 0.4686



60.3952, 0.2022, 0.1997



60.3952, 0.3201, 0.2294

Sweetspot

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



60.3981, 0.4194, 0.4705



93.1525, 0.3457, 0.3759



20.5327, 0.5233, 0.3122



19.7621, 0.3502, 0.3822



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.



60.3981, 0.4194, 0.4705



78.2194, 0.4330, 0.4836



61.6178, 0.3594, 0.5155



15.7463, 0.3270, 0.3496



32.9072, 0.4410, 0.4880



2.3584, 0.4372, 0.4911

Inverse Universe

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



13.0873, 0.1827, 0.1256



11.5173, 0.1629, 0.0899



13.9296, 0.2202, 0.1265



13.4958, 0.2981, 0.3076



3.6411, 0.1524, 0.0686



0.3381, 0.1579, 0.0885

Previews

White Background



This preview shows how the Yxy color 60.3952, 0.4194, 0.4705 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 60.3952, 0.4194, 0.4705 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 60.3952, 0.4194, 0.4705

Background



This preview shows how black text looks on a background with the Yxy color 60.3952, 0.4194, 0.4705.



This preview shows how white text looks on a background with the Yxy color 60.3952, 0.4194, 0.4705.

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

60.3952, 0.4194, 0.4705

Protanopia

60.0850, 0.4242, 0.4668

Deuteranopia

60.2985, 0.4524, 0.4423



Tritanopia

60.5269, 0.3362, 0.3128

Trichromacy



Original Color

60.3952, 0.4194, 0.4705

Protanomaly

60.3988, 0.4226, 0.4681

Deuteranomaly

60.0635, 0.4408, 0.4517

Tritanomaly

59.9783, 0.3725, 0.3752

Monochromacy



Original Color

60.3952, 0.4194, 0.4705

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.6003, 0.3559, 0.3910

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3952, 0.4194, 0.4705 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(224, 206, 67)` looks like.

```
.text, #text, p{  
    color:rgb(224, 206, 67)  
}
```

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(224, 206, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 206, 67) }
```

Border

The CSS property to change the border of an element to Yxy 60.3952, 0.4194, 0.4705 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(224, 206, 67) }
```

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

```
.border{ border-color:rgb(224, 206, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 206, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 206, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 206, 67);  
box-shadow:4px 4px 4px 4px rgb(224, 206,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3952, 0.4194, 0.4705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 206, 67) }
```

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

```
.background{ background-color: rgb(224,  
206, 67) }
```

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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