

Converting Colors

YUV(60.8100, 55.3097, -6.8494)

Have a look what the booklet for
YUV(60.8100, 55.3097, -6.8494)
contains.

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Color

**YUV(60.8100, 55.3097,
-6.8494)**

Conversions

Conversions Part 1

Format	Color
Hex	352BAD
RGB	53, 43, 173
RGB Percent	21%, 17%, 68%
CMY	0.7922, 0.8314, 0.3216
CMYK	0.69, 0.75, 0.00, 0.32
HSL	245°, 60%, 42%
HSV	245°, 75%, 68%
XYZ	9.8749, 5.5018, 40.0766
YIQ	60.8100, -35.7700, 42.5500

Conversions

Conversions Part 2

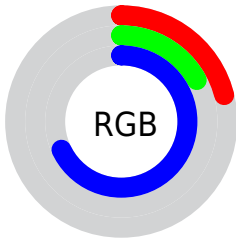
Format	Color
R_{YB}	53, 43, 173
Decimal	3484589
CIE _{Lab}	28.12, 44.89, -67.26
CIE _{LCh}	28, 80.865, 303.716
Yxy	5.5018, 0.1781, 0.0992
Android (android.graphics.Color)	4281674669 (0xFF352BAD)
YUV	60.8100, 55.3097, -6.8494
Hunter-Lab	23.4558, 34.1007, -84.8838

Details

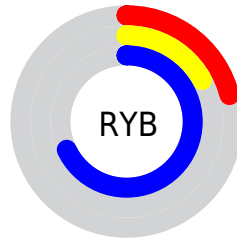
The YUV color **60.8100, 55.3097, -6.8494** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **155.1900, -55.3097, 6.8494**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3210, 57.0297, 1.4725**, and **13.5660, 51.9790, -11.8974** is the 20% darker color. If you saturate the color by 10%, you get **46.0470, 62.5878, -7.9342**, and if you desaturate by 10%, it is **75.5730, 48.0315, -5.7645**.

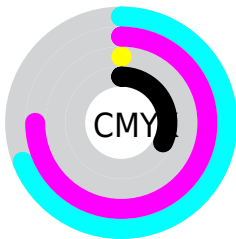
Distribution



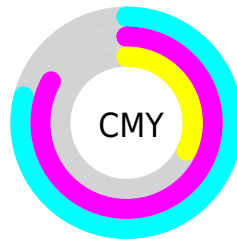
- Red (21%)
- Green (17%)
- Blue (68%)



- Red (21%)
- Yellow (17%)
- Blue (68%)



- Cyan (69%)
- Magenta (75%)
- Yellow (0%)
- Black (32%)



- Cyan (79%)
- Magenta (83%)
- Yellow (32%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.8100, 55.3097, -6.8494 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 YUV color 60.8100, 55.3097, -6.8494 by changing the saturation by 10% instead.

■ 60.8100, 55.3097,
-6.8494

■ 60.8100, 55.3097,
-6.8494

■ 255.0000, 0.0000,
0.0000

■ 28.3840, 57.9847,
-24.8928

■ 114.3210, 57.0297,
1.4725

■ 13.5660, 51.9790,
-11.8974

■ 140.8160, 56.2927,
4.5464

■ 10.7160, 41.0590,
-9.3979

■ 165.0480, 44.3463,
9.6049

■ 12.5620, 27.8239,
-11.0169

■ 189.5680, 32.2580,
13.5339

■ 7.0050, 19.2245,
-6.1434

■ 214.3870, 20.0222,
18.0776

■ 3.3230, 10.1938,
-2.9143

■ 237.3900, 8.6817,

■ 0.0000, 0.0000,

15.4440

0.0000

254.4130, 0.2894,
0.5148

■ 60.8100, 55.3097,
-6.8494

■ 60.8100, 55.3097,
-6.8494

■ 46.0470, 62.5878,
-7.9342

■ 75.5730, 48.0315,
-5.7645

■ 30.6970, 70.1554,
-8.5043

■ 90.9230, 40.4640,
-5.1945

■ 23.6090, 73.6498,
-9.3041

■ 105.6860, 33.1858,
-4.1096

■ 120.4490, 25.9076,
-3.0248

■ 135.7990, 18.3401,
-2.4547

■ 150.5620, 11.0619,
-1.3699

■ 165.3250, 3.7838,
-0.2850

■ 180.0880, -3.4944,
0.7998

■ 195.4380,
-11.0619, 1.3699

Harmonies

Analogous

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



66.2550, 63.4713, -58.1056



60.8100, 55.3097, -6.8494



56.1810, 32.9418, 74.3863

Triad

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



60.8100, 55.3097, -6.8494



58.4960, -28.8385, 56.5700



59.9780, 6.4198, -52.6007

Complementary

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



60.8100, 55.3097, -6.8494



155.1900, -55.3097, 6.8494

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.



49.8950, -24.5982, -43.7579



60.8100, 55.3097, -6.8494



61.7540, -30.4447, 11.6167

Square

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



60.8100, 55.3097, -6.8494



46.6440, -22.9955, 95.9052



46.9600, -23.1513, -41.1839



67.6330, 33.2119, -59.3141

Rectangle

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



60.8100, 55.3097, -6.8494



57.7860, 11.9375, 91.3957



46.9600, -23.1513, -41.1839



56.8830, -2.9003, -49.8864

Sweetspot

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



60.8100, 55.3097, -6.8494



180.0100, 21.6871, -2.6398



128.8470, 21.7674, -75.2878



85.1320, 13.2459, -1.8698



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.8100, 55.3097, -6.8494



49.8120, 85.8747, -10.3591



79.9460, 45.8756, 32.4964



79.3250, 3.7838, -0.2850



20.6880, 63.7508, -7.6194



3.2200, 9.7515, -1.0699

Inverse Universe

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



95.5500, 33.2529, 67.9237



103.7160, 51.9050, 105.4891



136.0540, -45.8756, -32.4964



81.6030, 2.1677, 4.7332



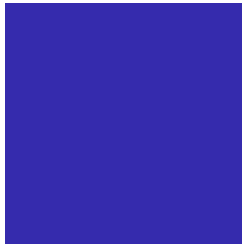
60.6960, 38.6039, 78.3196



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 60.8100, 55.3097, -6.8494 looks on a white 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

Black Background



This preview shows how the YUV color 60.8100, 55.3097, -6.8494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

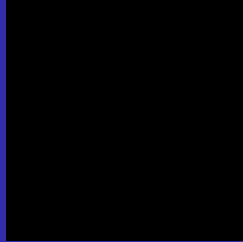
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.8100, 55.3097, -6.8494

Background



This preview shows how black text looks on a background with the YUV color 60.8100, 55.3097, -6.8494.



This preview shows how white text looks on a background with the YUV color 60.8100, 55.3097, -6.8494.

-6.8494.

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

60.8100, 55.3097, -6.8494

Protanopia

52.9580, 40.4467, -46.4442

Deuteranopia

53.0260, 30.5532, -46.5038



Tritanopia

52.4440, 13.0921, -45.9934

Trichromacy



Original Color

60.8100, 55.3097, -6.8494

Protanomaly

55.5390, 46.0763, -32.0447

Deuteranomaly

55.8180, 39.5297, -32.2894

Tritanomaly

55.5440, 28.3258, -32.0491

Monochromacy



Original Color

60.8100, 55.3097, -6.8494

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.6680, 20.3767, -2.3398

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.8100, 55.3097, -6.8494 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(53, 43, 173)` looks like.

```
.text, #text, p{  
    color:rgb(53, 43, 173)  
}
```

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(53, 43, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 43, 173) }
```

Border

The CSS property to change the border of an element to YUV 60.8100, 55.3097, -6.8494 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(53, 43, 173) }
```


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

```
.border{ border-color:rgb(53, 43, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 43, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 43, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 43, 173);  
box-shadow:4px 4px 4px 4px rgb(53, 43,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 60.8100, 55.3097, -6.8494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 43, 173) }
```

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

```
.background{ background-color: rgb(53, 43,  
173) }
```

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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