

Converting Colors

YUV(60.6760, 55.3757, 18.7011)

Have a look what the booklet for
YUV(60.6760, 55.3757, 18.7011)
contains.

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Color

**YUV(60.6760, 55.3757,
18.7011)**

Conversions

Conversions Part 1

Format	Color
Hex	521CAD
RGB	82, 28, 173
RGB Percent	32%, 11%, 68%
CMY	0.6784, 0.8902, 0.3216
CMYK	0.53, 0.84, 0.00, 0.32
HSL	262°, 72%, 39%
HSV	262°, 84%, 68%
XYZ	11.4378, 5.6415, 40.0212
YIQ	60.6760, -14.3610, 56.5430

Conversions

Conversions Part 2

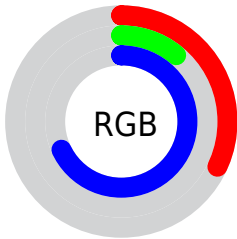
Format	Color
R_{YB}	82, 28, 173
Decimal	5381293
CIE _{Lab}	28.49, 55.09, -66.56
CIE _{LCh}	28, 86.399, 309.613
Yxy	5.6415, 0.2003, 0.0988
Android (android.graphics.Color)	4283571373 (0xFF521CAD)
YUV	60.6760, 55.3757, 18.7011
Hunter-Lab	23.7518, 44.3916, -83.2761

Details

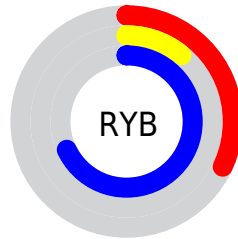
The YUV color **60.6760, 55.3757, 18.7011** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **140.3240, -55.3757, -18.7011**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9260, 56.2385, 21.9899**, and **13.8650, 51.8316, -11.2826** is the 20% darker color. If you saturate the color by 10%, you get **47.4080, 61.9169, 20.6902**, and if you desaturate by 10%, it is **73.9440, 48.8346, 16.7121**.

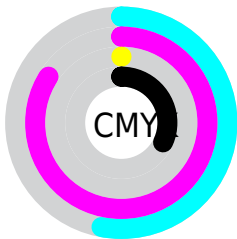
Distribution



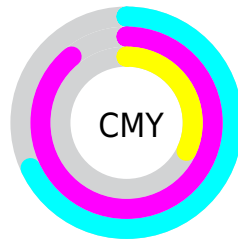
- Red (32%)
- Green (11%)
- Blue (68%)



- Red (32%)
- Yellow (11%)
- Blue (68%)



- Cyan (53%)
- Magenta (84%)
- Yellow (0%)
- Black (32%)



- Cyan (68%)
- Magenta (89%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.6760, 55.3757, 18.7011 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 60.6760, 55.3757, 18.7011 by changing the saturation by 10% instead.

60.6760, 55.3757,
18.7011

60.6760, 55.3757,
18.7011

255.0000, 0.0000,
0.0000

31.5940, 56.4022,
16.1421

115.9260, 56.2385,
21.9899

13.8650, 51.8316,
-11.2826

142.7090, 55.3595,
23.9342

10.7160, 41.0590,
-9.3979

166.6420, 43.5605,
28.3780

9.6270, 29.2709,
-8.4429

191.4610, 31.3247,
32.9217

6.8910, 18.7877,
-6.0434

215.6710, 19.3892,
34.4915


3.3230, 10.1938,
-2.9143


232.6940, 10.9969,


0.0000, 0.0000,


19.5624


0.0000


 249.7170, 2.6045,
4.6332


 60.6760, 55.3757,
18.7011


 60.6760, 55.3757,
18.7011


 47.4080, 61.9169,
20.6902


 73.9440, 48.8346,
16.7121

 38.8580, 66.1320,
22.0495

 87.7990, 42.0041,
14.2083

 101.0670, 35.4630,
12.2192

 114.0360, 29.0693,
9.6154

 127.8910, 22.2387,
7.1116

■ 141.1590, 15.6976,
5.1226

■ 154.4270, 9.1565,
3.1335

■ 167.6950, 2.6154,
1.1445

■ 181.5500, -4.2152,
-1.3594

Harmonies

Analogous

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



65.5200, 68.2706, -57.4610



60.6760, 55.3757, 18.7011



59.7540, 27.2363, 84.4077

Triad

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



60.6760, 55.3757, 18.7011



61.1100, -30.1272, 49.8925



62.8620, 12.3930, -55.1300

Complementary

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



60.6760, 55.3757, 18.7011



140.3240, -55.3757, -18.7011

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.



52.4370, -19.9354, -45.9872



60.6760, 55.3757, 18.7011



61.4000, -30.2702, 2.2802

Square

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



60.6760, 55.3757, 18.7011



46.9430, -23.1429, 96.5200



48.7210, -24.0195, -42.7283



70.8590, 40.4955, -62.1433

Rectangle

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



60.6760, 55.3757, 18.7011



59.6360, 6.0955, 98.5432



48.7210, -24.0195, -42.7283



59.6530, 2.6361, -52.3157

Sweetspot

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



60.6760, 55.3757, 18.7011



180.6630, 21.3651, 7.3115



98.5340, 36.7117, -61.8583



86.3500, 12.6455, 4.0781



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.



60.6760, 55.3757, 18.7011



50.6520, 85.4606, 29.2462



82.2040, 44.7624, 62.9651



79.9230, 3.4890, 0.9445



33.8440, 57.2649, 19.4308



5.3130, 8.7197, 3.2335

Inverse Universe

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



81.7290, 18.3746, 80.0447



83.0500, 28.5694, 123.6131



118.7960, -44.7624, -62.9651



81.2610, 0.8573, 5.0331



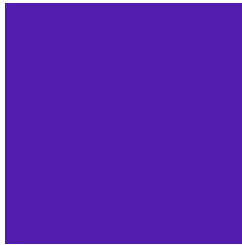
55.5660, 18.9480, 82.8186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 60.6760, 55.3757, 18.7011 looks on a white background.

Color Contrast Check

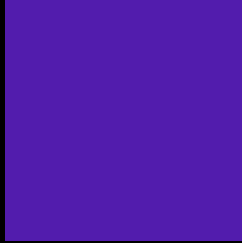
Large Text (above 18pt) WCAG AA ✓ Pass

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 60.6760, 55.3757, 18.7011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

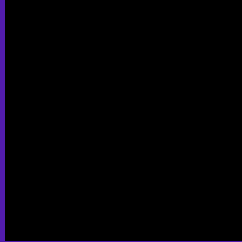
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.6760, 55.3757, 18.7011

Background



This preview shows how black text looks on a background with the YUV color 60.6760, 55.3757, 18.7011.



This preview shows how white text looks on a background with the YUV color 60.6760, 55.3757,

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

60.6760, 55.3757, 18.7011

Protanopia

54.4740, 41.1783, -47.7737

Deuteranopia

54.5420, 31.2848, -47.8333



Tritanopia

66.0030, 5.4215, -12.2806

Trichromacy



Original Color

60.6760, 55.3757, 18.7011

Protanomaly

56.7080, 46.4860, -23.4229

Deuteranomaly

56.9870, 39.9394, -23.6676

Tritanomaly

63.8900, 23.7182, -0.7805

Monochromacy



Original Color

60.6760, 55.3757, 18.7011

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.0220, 20.2022, 6.9967

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.6760, 55.3757, 18.7011 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(82, 28, 173)` looks like.

```
.text, #text, p{  
    color:rgb(82, 28, 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(82, 28, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 28, 173) }
```

Border

The CSS property to change the border of an element to YUV 60.6760, 55.3757, 18.7011 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(82, 28, 173) }
```


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

```
.border{ border-color:rgb(82, 28, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 28, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 28, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 28, 173);  
box-shadow:4px 4px 4px 4px rgb(82, 28,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 60.6760, 55.3757, 18.7011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 28, 173) }
```

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

```
.background{ background-color: rgb(82, 28,  
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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