

Converting Colors

YUV(59.6300, 65.2584, 22.2495)

Have a look what the booklet for
YUV(59.6300, 65.2584, 22.2495)
contains.

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Color

**YUV(59.6300, 65.2584,
22.2495)**

Conversions

Conversions Part 1

Format	Color
Hex	5515C0
RGB	85, 21, 192
RGB Percent	33%, 8%, 75%
CMY	0.6667, 0.9176, 0.2471
CMYK	0.56, 0.89, 0.00, 0.25
HSL	262°, 80%, 42%
HSV	262°, 89%, 75%
XYZ	13.5289, 6.2734, 50.3670
YIQ	59.6300, -16.7470, 66.7490

Conversions

Conversions Part 2

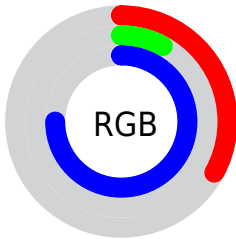
Format	Color
R_{YB}	85, 21, 192
Decimal	5576128
CIE _{Lab}	30.09, 62.39, -75.21
CIE _{LCh}	30, 97.718, 309.678
Yxy	6.2734, 0.1928, 0.0894
Android (android.graphics.Color)	4283766208 (0xFF5515C0)
YUV	59.6300, 65.2584, 22.2495
Hunter-Lab	25.0467, 52.5843, -101.6947

Details

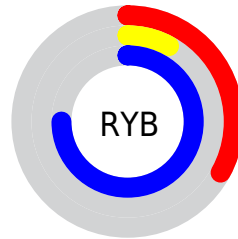
The YUV color **59.6300, 65.2584, 22.2495** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **153.3700, -65.2584, -22.2495**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9400, 65.1056, 24.6086**, and **15.6180, 59.8413, -13.6970** is the 20% darker color. If you saturate the color by 10%, you get **44.8890, 72.5257, 24.6533**, and if you desaturate by 10%, it is **74.3710, 57.9911, 19.8456**.

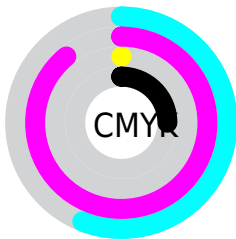
Distribution



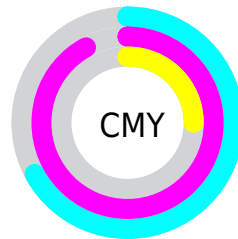
- Red (33%)
- Green (8%)
- Blue (75%)



- Red (33%)
- Yellow (8%)
- Blue (75%)



- Cyan (56%)
- Magenta (89%)
- Yellow (0%)
- Black (25%)



- Cyan (67%)
- Magenta (92%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.6300, 65.2584, 22.2495 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 59.6300, 65.2584, 22.2495 by changing the saturation by 10% instead.

■ 59.6300, 65.2584,
22.2495

■ 59.6300, 65.2584,
22.2495

■ 255.0000, 0.0000,
0.0000

■ 33.9450, 64.1171,
14.9572

■ 117.9400, 65.1056,
24.6086

■ 15.6180, 59.8413,
-13.6970

■ 143.3290, 55.0538,
28.6525

■ 12.6540, 48.4846,
-11.0976

■ 168.1480, 42.8180,
33.1962

■ 9.6900, 37.1278,
-8.4981

■ 193.2660, 30.4349,
38.3547

■ 10.4760, 24.9083,
-9.1875

■ 215.0840, 19.6786,
35.0063


■ 6.0930, 15.7302,
-5.3436

■ 232.1070, 11.2862,


■ 2.2970, 6.2626,


20.0772


-2.0145


 249.1300, 2.8939,
5.1480


 0.0000, 0.0000,
0.0000


 59.6300, 65.2584,
22.2495

 59.6300, 65.2584,
22.2495


 44.8890, 72.5257,
24.6533


 74.3710, 57.9911,
19.8456

 43.4160, 73.2519,
25.0682

 89.1120, 50.7238,
17.4418

 104.4400, 43.1671,
14.5231

 119.1810, 35.8998,
12.1193

 133.9220, 28.6325,
9.7154

■ 148.6630, 21.3651,
7.3115

■ 163.4040, 14.0978,
4.9077

■ 178.7320, 6.5411,
1.9890

■ 193.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



71.1910, 77.3068, -62.4345



59.6300, 65.2584, 22.2495



65.4930, 29.8300, 92.5296

Triad

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



59.6300, 65.2584, 22.2495



63.8010, -31.4539, 55.4255



66.5950, 14.0037, -58.4038

Complementary

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



59.6300, 65.2584, 22.2495



153.3700, -65.2584, -22.2495

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.



55.0470, -25.1662, -48.2762



59.6300, 65.2584, 22.2495



64.0470, -31.5752, 0.8358

Square

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



59.6300, 65.2584, 22.2495



51.1290, -25.2066, 105.1269



52.2430, -25.7558, -45.8171



76.2050, 45.7479, -66.8318

Rectangle

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



59.6300, 65.2584, 22.2495



65.1750, 5.3367, 108.5945



52.2430, -25.7558, -45.8171



62.9300, 2.4995, -55.1896

Sweetspot

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



59.6300, 65.2584, 22.2495



197.5260, 25.8697, 9.1857



103.8900, 43.4382, -72.6945



94.0450, 15.2608, 5.2225



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



59.6300, 65.2584, 22.2495



56.6060, 95.3432, 32.7945



84.7460, 52.8762, 73.8908



89.3360, 3.7784, 1.4593



36.2940, 61.4801, 20.7902



7.3500, 12.6454, 4.0781

Inverse Universe

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



84.3270, 21.5308, 94.4292



92.5340, 31.2887, 138.0977



128.2540, -52.8762, -73.8908



90.6740, 1.1467, 5.5479



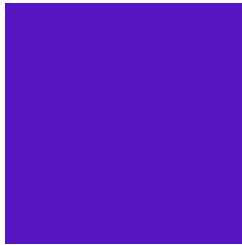
59.6530, 20.3841, 88.8813



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 59.6300, 65.2584, 22.2495 looks on a white background.

Color Contrast Check

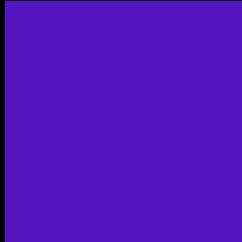
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.6300, 65.2584, 22.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

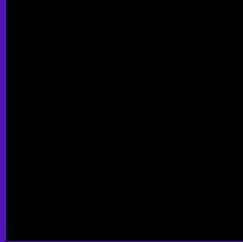
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.6300, 65.2584, 22.2495

Background



This preview shows how black text looks on a background with the YUV color 59.6300, 65.2584, 22.2495.



This preview shows how white text looks on a background with the YUV color 59.6300, 65.2584,

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

59.6300, 65.2584, 22.2495

Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

57.5740, 32.7480, -50.4924



Tritanopia

67.8280, 7.4798, -19.1432

Trichromacy



Original Color

59.6300, 65.2584, 22.2495

Protanomaly

58.2610, 51.1433, -23.9079

Deuteranomaly

58.5400, 44.5968, -24.1526

Tritanomaly

64.8340, 28.6758, -4.2394

Monochromacy



Original Color

59.6300, 65.2584, 22.2495

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.9450, 23.6911, 7.9412

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.6300, 65.2584, 22.2495 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(85, 21, 192)` looks like.

```
.text, #text, p{  
    color:rgb(85, 21, 192)  
}
```

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(85, 21, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 21, 192) }
```

Border

The CSS property to change the border of an element to YUV 59.6300, 65.2584, 22.2495 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(85, 21, 192) }
```


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

```
.border{ border-color:rgb(85, 21, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 21, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 21, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 21, 192);  
box-shadow:4px 4px 4px 4px rgb(85, 21,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 59.6300, 65.2584, 22.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 21, 192) }
```

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

```
.background{ background-color: rgb(85, 21,  
192) }
```

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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