

Converting Colors

YUV(64.2550, 63.9643, 17.3164)

Have a look what the booklet for
YUV(64.2550, 63.9643, 17.3164)
contains.

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Color

**YUV(64.2550, 63.9643,
17.3164)**

Conversions

Conversions Part 1

Format	Color
Hex	541DC2
RGB	84, 29, 194
RGB Percent	33%, 11%, 76%
CMY	0.6706, 0.8863, 0.2392
CMYK	0.57, 0.85, 0.00, 0.24
HSL	260°, 74%, 44%
HSV	260°, 85%, 76%
XYZ	13.8331, 6.6586, 51.5951
YIQ	64.2550, -20.1850, 62.9750

Conversions

Conversions Part 2

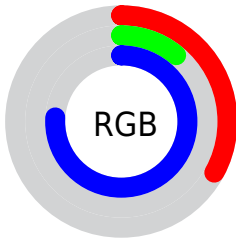
Format	Color
R_{YB}	84, 29, 194
Decimal	5512642
CIE _{Lab}	31.02, 60.35, -74.86
CIE _{LCh}	31, 96.155, 308.873
Yxy	6.6586, 0.1919, 0.0924
Android (android.graphics.Color)	4283702722 (0xFF541DC2)
YUV	64.2550, 63.9643, 17.3164
Hunter-Lab	25.8042, 50.5328, -100.4862

Details

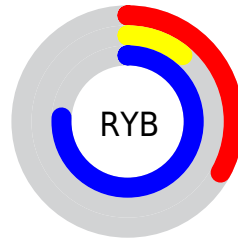
The YUV color **64.2550, 63.9643, 17.3164** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed blue. A complement of this color would be **158.7450, -63.9643, -17.3164**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.8040, 64.6796, 21.2199**, and **15.8460, 60.7149, -13.8969** is the 20% darker color. If you saturate the color by 10%, you get **49.2150, 71.3790, 19.1054**, and if you desaturate by 10%, it is **79.2950, 56.5496, 15.5273**.

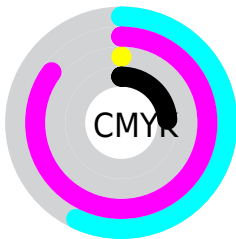
Distribution



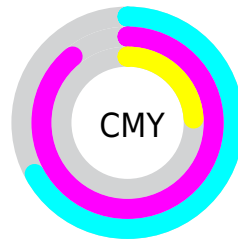
- Red (33%)
- Green (11%)
- Blue (76%)



- Red (33%)
- Yellow (11%)
- Blue (76%)



- Cyan (57%)
- Magenta (85%)
- Yellow (0%)
- Black (24%)



- Cyan (67%)
- Magenta (89%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.2550, 63.9643, 17.3164 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 64.2550, 63.9643, 17.3164 by changing the saturation by 10% instead.

■ 64.2550, 63.9643,
17.3164

■ 64.2550, 63.9643,
17.3164

■ 255.0000, 0.0000,
0.0000

■ 33.5750, 65.2855,
13.5277

■ 120.8040, 64.6796,
21.2199

■ 15.8460, 60.7149,
-13.8969

■ 145.9650, 53.7543,
25.4637

■ 12.7680, 48.9214,
-11.1975

■ 170.1970, 41.8079,
30.5222

■ 9.9180, 38.0014,
-8.6981

■ 195.9020, 29.1353,
35.1659

■ 10.5900, 25.3451,
-9.2874

■ 218.0190, 18.2316,
32.4323

■ 6.3210, 16.6037,
-5.5435

■ 234.4550, 10.1287,


■ 2.5250, 7.1362,


18.0180


-2.2144

 251.4780, 1.7363,
3.0888


 0.0000, 0.0000,
0.0000


 64.2550, 63.9643,
17.3164


 64.2550, 63.9643,
17.3164


 49.2150, 71.3790,
19.1054


 79.2950, 56.5496,
15.5273

 41.5510, 75.1574,
20.5648

 94.9220, 48.8455,
13.2234

 109.9620, 41.4307,
11.4343

 125.5890, 33.7266,
9.1304

 140.6290, 26.3119,
7.3414

■ 155.6690, 18.8972,
5.5523

■ 171.2960, 11.1931,
3.2484

■ 186.0370, 3.9258,
0.8446

■ 201.6640, -3.7784,
-1.4593

Harmonies

Analogous

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



72.9520, 76.4387, -63.9789



64.2550, 63.9643, 17.3164



65.8350, 31.1403, 92.2297

Triad

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



64.2550, 63.9643, 17.3164



65.5840, -32.3329, 57.3698



67.7690, 13.4249, -59.4334

Complementary

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



64.2550, 63.9643, 17.3164



158.7450, -63.9643, -17.3164

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.



56.3350, -25.3082, -49.4058



64.2550, 63.9643, 17.3164



66.7160, -32.8910, 2.8801

Square

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



64.2550, 63.9643, 17.3164



52.0260, -25.6488, 106.9712



53.4170, -26.3346, -46.8467



77.2650, 44.7324, -67.7614

Rectangle

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



64.2550, 63.9643, 17.3164



65.9300, 6.9365, 108.8094



53.4170, -26.3346, -46.8467



64.6910, 1.6313, -56.7340

Sweetspot

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



64.2550, 63.9643, 17.3164



200.9880, 25.1489, 7.0265



112.3800, 40.2387, -73.1243



96.4470, 15.5556, 3.9930



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



64.2550, 63.9643, 17.3164



53.8440, 97.6909, 26.4468



89.0720, 51.7295, 68.3429



89.0370, 3.9258, 0.8446



34.5000, 62.3645, 17.1015



7.0510, 12.7929, 3.4633

Inverse Universe

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



90.8750, 23.7256, 90.4406



94.5000, 36.2355, 138.1275



133.9280, -51.7295, -68.3429



90.7880, 1.5835, 5.4479



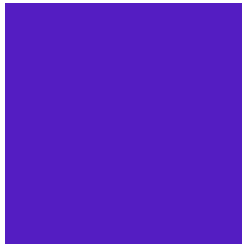
60.3370, 23.0049, 88.2815



12.3750, 4.7451, 18.0881

Previews

White Background



This preview shows how the YUV color 64.2550, 63.9643, 17.3164 looks on a white background.

Color Contrast Check

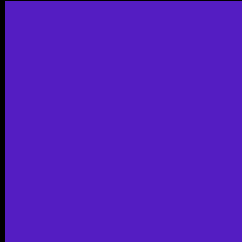
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.2550, 63.9643, 17.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

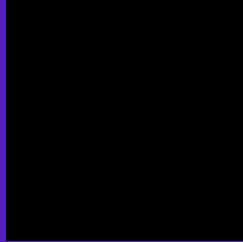
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.2550, 63.9643, 17.3164

Background



This preview shows how black text looks on a background with the YUV color 64.2550, 63.9643, 17.3164.



This preview shows how white text looks on a background with the YUV color 64.2550, 63.9643,

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

64.2550, 63.9643, 17.3164

Protanopia

58.6630, 44.5361, -51.4475

Deuteranopia

59.0900, 33.4796, -51.8219



Tritanopia

68.9200, 7.9274, -22.7318

Trichromacy



Original Color

64.2550, 63.9643, 17.3164

Protanomaly

60.9510, 51.2962, -26.2670

Deuteranomaly

61.1160, 44.3128, -26.4117

Tritanomaly

67.3990, 28.3973, -8.2429

Monochromacy



Original Color

64.2550, 63.9643, 17.3164

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.8200, 23.2597, 6.2969

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.2550, 63.9643, 17.3164 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(84, 29, 194)` looks like.

```
.text, #text, p{  
    color:rgb(84, 29, 194)  
}
```

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(84, 29, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 29, 194) }
```

Border

The CSS property to change the border of an element to YUV 64.2550, 63.9643, 17.3164 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(84, 29, 194) }
```


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

```
.border{ border-color:rgb(84, 29, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 29, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 29, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 29, 194);  
box-shadow:4px 4px 4px 4px rgb(84, 29,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 64.2550, 63.9643, 17.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 29, 194) }
```

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

```
.background{ background-color: rgb(84, 29,  
194) }
```

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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