

Converting Colors

YUV(65.0500, 21.1744, 21.8812)

Have a look what the booklet for
YUV(65.0500, 21.1744, 21.8812)
contains.

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Color

**YUV(65.0500, 21.1744,
21.8812)**

Conversions

Conversions Part 1

Format	Color
Hex	5A2C6C
RGB	90, 44, 108
RGB Percent	35%, 17%, 42%
CMY	0.6471, 0.8275, 0.5765
CMYK	0.17, 0.59, 0.00, 0.58
HSL	283°, 42%, 30%
HSV	283°, 59%, 42%
XYZ	7.8239, 5.0577, 14.7512
YIQ	65.0500, 6.8720, 29.6560

Conversions

Conversions Part 2

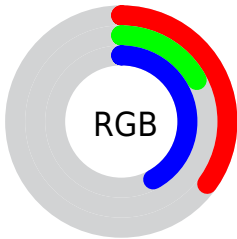
Format	Color
R_{YB}	90, 44, 108
Decimal	5909612
CIE _{Lab}	26.90, 32.60, -28.76
CIE _{LCh}	27, 43.467, 318.580
Yxy	5.0577, 0.2831, 0.1830
Android (android.graphics.Color)	4284099692 (0xFF5A2C6C)
YUV	65.0500, 21.1744, 21.8812
Hunter-Lab	22.4894, 22.7424, -23.1469

Details

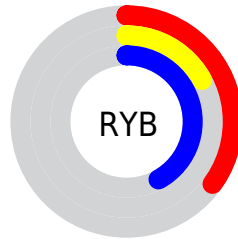
The YUV color **65.0500, 21.1744, 21.8812** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **86.9500, -21.1744, -21.8812**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.7020, 22.3319, 23.9403**, and **19.0990, 20.1642, 19.2072** is the 20% darker color. If you saturate the color by 10%, you get **57.6960, 24.7999, 25.6996**, and if you desaturate by 10%, it is **72.4040, 17.5488, 18.0627**.

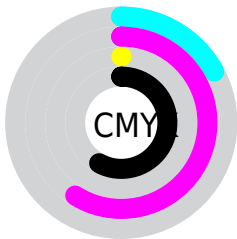
Distribution



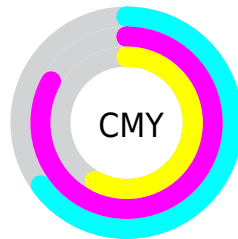
- Red (35%)
- Green (17%)
- Blue (42%)



- Red (35%)
- Yellow (17%)
- Blue (42%)



- Cyan (17%)
- Magenta (59%)
- Yellow (0%)
- Black (58%)



- Cyan (65%)
- Magenta (83%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.0500, 21.1744, 21.8812 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 65.0500, 21.1744, 21.8812 by changing the saturation by 10% instead.

65.0500, 21.1744,
21.8812

65.0500, 21.1744,
21.8812

255.0000, 0.0000,
0.0000

40.6370, 20.8850,
21.3664

114.7020, 22.3319,
23.9403

19.0990, 20.1642,
19.2072

140.5280, 22.9107,
24.9699

9.7140, 13.9450,
7.2668

167.3540, 23.4895,
25.9995

2.1830, 5.8258,
-1.9145

194.7670, 23.7789,
26.5143

0.0000, 0.0000,
0.0000

221.2420, 16.6427,
28.7288

237.9770, 8.3923,

14.9292

■ 65.0500, 21.1744,
21.8812

■ 65.0500, 21.1744,
21.8812

■ 57.6960, 24.7999,
25.6996

■ 72.4040, 17.5488,
18.0627

■ 50.3420, 28.4254,
29.5181

■ 79.7580, 13.9233,
14.2442

■ 43.5750, 31.7615,
32.8217

■ 86.5250, 10.5872,
10.9406

■ 36.2210, 35.3870,
36.6402

■ 93.8790, 6.9617,
7.1221

■ 35.6340, 35.6764,
37.1550

■ 101.2330, 3.3361,
3.3037

■ 108.5870, -0.2894,
-0.5148

■ 115.9410, -3.9149,
-4.3333

■ 122.7080, -7.2510,
-7.6369

■ 130.0620,
-10.8766, -11.4554

Harmonies

Analogous

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



58.3690, 33.8351, -25.7566



65.0500, 21.1744, 21.8812



60.0120, 8.8681, 49.1015

Triad

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



65.0500, 21.1744, 21.8812



60.0700, -29.6145, 25.3716



55.3620, 14.1185, -48.5525

Complementary

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



65.0500, 21.1744, 21.8812



86.9500, -21.1744, -21.8812

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.



51.3720, -1.1694, -45.0532



65.0500, 21.1744, 21.8812



57.5570, -28.3756, 1.2655

Square

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



65.0500, 21.1744, 21.8812



59.3250, -22.8382, 45.3190



48.0240, -16.7738, -33.3470



58.0810, 27.0751, -50.9370

Rectangle

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



65.0500, 21.1744, 21.8812



56.9500, -0.4684, 57.0488



48.0240, -16.7738, -33.3470



54.1080, 9.3138, -47.4527

Sweetspot

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



65.0500, 21.1744, 21.8812



123.2320, 8.2666, 8.5665



61.8620, 22.7460, -15.6650



60.9990, 4.9305, 5.2629



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



65.0500, 21.1744, 21.8812



73.5150, 32.7771, 33.7513



68.8360, 12.4059, 34.3468



49.8800, 2.0312, 1.8592



38.4540, 38.7232, 39.9438



80.5540, 81.0719, 83.7061

Inverse Universe

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



65.1880, -1.5717, 37.5461



73.7930, -2.3629, 58.0635



83.1640, -12.4059, -34.3468



50.0220, -0.0108, 3.4887



38.7450, -2.8323, 68.6296



81.1210, -5.9757, 143.7219

Previews

White Background



This preview shows how the YUV color 65.0500, 21.1744, 21.8812 looks on a white background.

Color Contrast Check

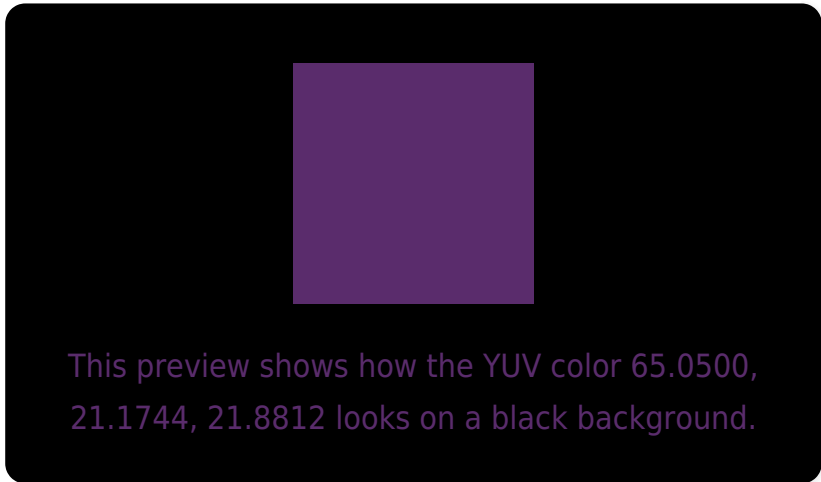
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 65.0500, 21.1744, 21.8812

Background



This preview shows how black text looks on a background with the YUV color 65.0500, 21.1744, 21.8812.



This preview shows how white text looks on a background with the YUV color 65.0500, 21.1744,

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

65.0500, 21.1744, 21.8812

Protanopia

58.2330, 33.4091, -29.1453

Deuteranopia

61.3840, 21.0097, -18.7538



Tritanopia

65.2300, -2.0854, 15.5843

Trichromacy



Original Color

65.0500, 21.1744, 21.8812

Protanomaly

60.5020, 28.8395, -10.0873

Deuteranomaly

62.7710, 20.8189, -4.1842

Tritanomaly

65.1300, 6.3449, 18.3030

Monochromacy



Original Color

65.0500, 21.1744, 21.8812

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8190, 7.9772, 8.0517

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.0500, 21.1744, 21.8812 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(90, 44, 108)` looks like.

```
.text, #text, p{  
    color:rgb(90, 44, 108)  
}
```

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(90, 44, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 44, 108) }
```

Border

The CSS property to change the border of an element to YUV 65.0500, 21.1744, 21.8812 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(90, 44, 108) }
```


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

```
.border{ border-color:rgb(90, 44, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 44, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 44, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 44, 108);  
box-shadow:4px 4px 4px 4px rgb(90, 44,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 65.0500, 21.1744, 21.8812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 44, 108) }
```

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

```
.background{ background-color: rgb(90, 44,  
108) }
```

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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