

Converting Colors

YUV(104.4960, 48.5625,
57.4470)

Have a look what the booklet for
YUV(104.4960, 48.5625, 57.4470)
contains.

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Color

**YUV(104.4960, 48.5625,
57.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	AA34CB
RGB	170, 52, 203
RGB Percent	67%, 20%, 80%
CMY	0.3333, 0.7961, 0.2039
CMYK	0.16, 0.74, 0.00, 0.20
HSL	287°, 59%, 50%
HSV	287°, 74%, 80%
XYZ	28.5850, 15.3138, 57.9492
YIQ	104.4960, 21.8570, 71.9770

Conversions

Conversions Part 2

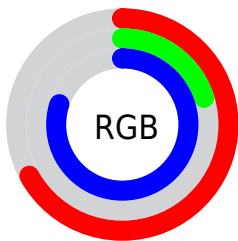
Format	Color
R _{YB}	170, 52, 203
Decimal	11154635
CIE _{Lab}	46.06, 67.49, -55.08
CIE _{LCh}	46, 87.111, 320.783
Yxy	15.3138, 0.2807, 0.1504
Android (android.graphics.Color)	4289344715 (0xFFAA34CB)
YUV	104.4960, 48.5625, 57.4470
Hunter-Lab	39.1329, 61.9047, -60.4054

Details

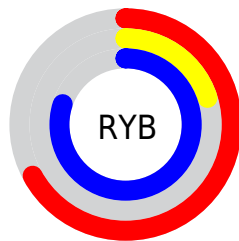
The YUV color **104.4960, 48.5625, 57.4470** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **150.5040, -48.5625, -57.4470**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1110, 45.7943, 58.6617**, and **50.6590, 47.9891, 54.6731** is the 20% darker color. If you saturate the color by 10%, you get **91.5600, 54.9399, 65.2839**, and if you desaturate by 10%, it is **117.4320, 42.1850, 49.6101**.

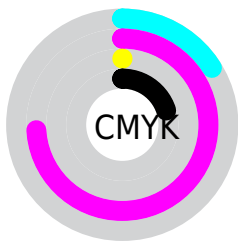
Distribution



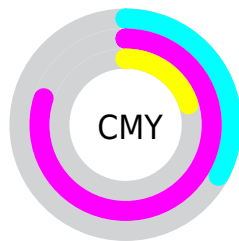
- Red (67%)
- Green (20%)
- Blue (80%)



- Red (67%)
- Yellow (20%)
- Blue (80%)



- Cyan (16%)
- Magenta (74%)
- Yellow (0%)
- Black (20%)





- Cyan (33%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.4960, 48.5625, 57.4470 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 104.4960, 48.5625, 57.4470 by changing the saturation by 10% instead.


 104.4960, 48.5625,
57.4470


 104.4960, 48.5625,
57.4470


255.0000, 0.0000,
0.0000


 69.1530, 52.1826,
63.0098


 162.1110, 45.7943,
58.6617


 50.6590, 47.9891,
54.6731


 186.3210, 33.8587,
60.2315

 39.2090, 40.3230,
40.1587


 203.3440, 25.4664,
45.3023

 27.9870, 33.5304,
25.4444

 219.7800, 17.3635,
30.8879

 16.7650, 26.7379,
10.7301

 237.3900, 8.6817,
15.4440

 5.4720, 20.9663,
-4.7989

254.4130, 0.2894,

 3.5510, 11.0674,

0.5148

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 104.4960, 48.5625,
57.4470

■ 104.4960, 48.5625,
57.4470

■ 91.5600, 54.9399,
65.2839

■ 117.4320, 42.1850,
49.6101

■ 77.7380, 61.7542,
73.0208

■ 131.2540, 35.3708,
41.8732

■ 70.6830, 65.2323,
77.4540

■ 144.1900, 28.9933,
34.0364

■ 157.4250, 22.4685,
26.8143

■ 170.9480, 15.8016,
18.4626

■ 184.1830, 9.2768,
11.2405

■ 197.1190, 2.8993,
3.4036

■ 210.0550, -3.4781,
-4.4332

■ 223.8770,
-10.2924, -12.1701

Harmonies

Analogous

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



87.5590, 79.0974, -76.7892



104.4960, 48.5625, 57.4470



81.7680, 26.2434, 122.9835

Triad

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



104.4960, 48.5625, 57.4470



102.9740, -50.7662, 42.9958



99.1320, 29.5149, -86.9388

Complementary

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



104.4960, 48.5625, 57.4470



150.5040, -48.5625, -57.4470

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.



89.2940, -3.1029, -78.3108



104.4960, 48.5625, 57.4470



96.4420, -47.5459, -10.0346

Square

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



104.4960, 48.5625, 57.4470



93.8570, -46.2715, 94.8414



77.4840, -38.1996, -67.9535



105.2540, 58.0488, -92.3078

Rectangle

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



104.4960, 48.5625, 57.4470



78.9870, 3.9504, 133.3154



77.4840, -38.1996, -67.9535



96.3960, 19.0318, -84.5393

Sweetspot

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



104.4960, 48.5625, 57.4470



218.5400, 17.9748, 21.4514



89.7590, 55.8278, -33.1146



105.6500, 11.0186, 12.5850



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.



104.4960, 48.5625, 57.4470



106.8010, 73.0621, 86.1205



109.8030, 26.2261, 81.7338



95.5320, 3.1887, 3.9184



57.7940, 53.3456, 63.3247



13.3020, 12.1761, 14.6441

Inverse Universe

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



100.9110, -7.8441, 89.5321



101.5730, -11.6215, 134.5555



145.1970, -26.2261, -81.7338



95.2180, -0.6005, 5.9478



53.7380, -8.7448, 98.4538



12.2740, -2.1071, 22.5617

Previews

White Background



This preview shows how the YUV color 104.4960, 48.5625, 57.4470 looks on a white background.

Color Contrast Check

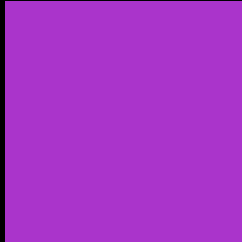
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 104.4960, 48.5625, 57.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

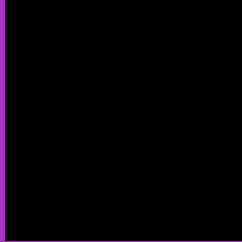
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.4960, 48.5625, 57.4470

Background



This preview shows how black text looks on a background with the YUV color 104.4960, 48.5625, 57.4470.



This preview shows how white text looks on a background with the YUV color 104.4960, 48.5625,

57.4470.

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

104.4960, 48.5625, 57.4470

Protanopia

87.7580, 67.1673, -76.9638

Deuteranopia

98.2220, 46.7256, -53.6917



Tritanopia

110.8200, -6.8133, 38.7459

Trichromacy



Original Color

104.4960, 48.5625, 57.4470



Protanomaly

93.6440, 60.3215, -27.7518



Deuteranomaly

100.7030, 47.4744, -13.7715



Tritanomaly

108.5430, 13.5363, 45.1278

Monochromacy



Original Color

104.4960, 48.5625, 57.4470



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

104.1270, 17.6854, 20.9366

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.4960, 48.5625, 57.4470 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(170, 52, 203)` looks like.

```
.text, #text, p{  
    color:rgb(170, 52, 203)  
}
```

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(170, 52, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 52, 203) }
```

Border

The CSS property to change the border of an element to YUV 104.4960, 48.5625, 57.4470 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(170, 52, 203) }
```


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

```
.border{ border-color:rgb(170, 52, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 52, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 52, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 52, 203);  
box-shadow:4px 4px 4px 4px rgb(170, 52,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 104.4960, 48.5625, 57.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 52, 203) }
```

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

```
.background{ background-color: rgb(170, 52,  
203) }
```

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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