

Converting Colors

YUV(104.7920, 48.9095,
-54.1916)

Have a look what the booklet for
YUV(104.7920, 48.9095, -54.1916)
contains.

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Color

**YUV(104.7920, 48.9095,
-54.1916)**

Conversions

Conversions Part 1

Format	Color
Hex	2B75CC
RGB	43, 117, 204
RGB Percent	17%, 46%, 80%
CMY	0.8314, 0.5412, 0.2000
CMYK	0.79, 0.43, 0.00, 0.20
HSL	212°, 65%, 48%
HSV	212°, 79%, 80%
XYZ	18.2566, 17.5958, 59.5608
YIQ	104.7920, -72.0310, 11.3690

Conversions

Conversions Part 2

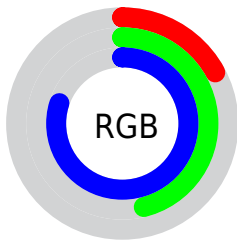
Format	Color
R_{YB}	43, 94, 204
Decimal	2848204
CIE _{Lab}	49.00, 8.31, -51.49
CIE _{LCh}	49, 52.161, 279.165
Yxy	17.5958, 0.1913, 0.1844
Android (android.graphics.Color)	4281038284 (0xFF2B75CC)
YUV	104.7920, 48.9095, -54.1916
Hunter-Lab	41.9474, 4.2802, -54.8224

Details

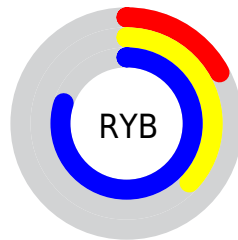
The YUV color **104.7920, 48.9095, -54.1916** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **142.2080, -48.9095, 54.1916**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0600, 45.8194, -43.0256**, and **58.0760, 44.8255, -50.9327** is the 20% darker color. If you saturate the color by 10%, you get **92.3550, 55.0410, -60.8243**, and if you desaturate by 10%, it is **117.2290, 42.7781, -47.5588**.

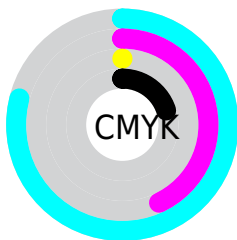
Distribution



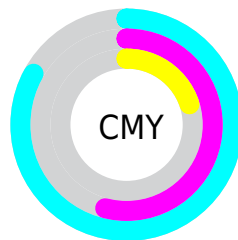
- Red (17%)
- Green (46%)
- Blue (80%)



- Red (17%)
- Yellow (37%)
- Blue (80%)



- Cyan (79%)
- Magenta (43%)
- Yellow (0%)
- Black (20%)



- Cyan (83%)
- Magenta (54%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.7920, 48.9095, -54.1916 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 104.7920, 48.9095, -54.1916 by changing the saturation by 10% instead.

■ 104.7920, 48.9095,
-54.1916

■ 104.7920, 48.9095,
-54.1916

■ 255.0000, 0.0000,
0.0000

■ 74.6550, 49.9631,
-65.4724

■ 162.0600, 45.8194,
-43.0256

■ 58.0760, 44.8255,
-50.9327

■ 186.8790, 33.5837,
-38.4819

■ 42.1980, 39.8354,
-37.0076

■ 211.6980, 21.3479,
-33.9381

■ 28.0810, 33.9771,
-24.6270

■ 237.6910, 8.5333,
-30.4240

■ 11.2570, 30.4393,
-9.8724

■ 248.7210, 3.0955,
-12.9103

■ 7.9340, 20.2455,
-6.9581

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 104.7920, 48.9095,
-54.1916

■ 104.7920, 48.9095,
-54.1916

■ 92.3550, 55.0410,
-60.8243

■ 117.2290, 42.7781,
-47.5588

■ 79.6190, 61.3198,
-68.0719

■ 129.9650, 36.4993,
-40.3113

■ 78.4340, 61.9040,
-68.7866

■ 142.4020, 30.3678,
-33.6786

■ 155.1380, 24.0890,
-26.4310

■ 167.5750, 17.9575,
-19.7983

■ 180.0120, 11.8261,
-13.1655

■ 192.7480, 5.5472,
-5.9180

■ 205.1850, -0.5842,
0.7148

■ 217.9210, -6.8631,
7.9623

Harmonies

Analogous

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



98.9960, 49.3020, -86.8195



104.7920, 48.9095, -54.1916



119.8670, 32.1106, 14.1486

Triad

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



104.7920, 48.9095, -54.1916



113.5880, -24.9399, 66.1363



88.7070, -2.8136, -77.7960

Complementary

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



104.7920, 48.9095, -54.1916



142.2080, -48.9095, 54.1916

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.



103.8330, -30.4837, -22.6555



104.7920, 48.9095, -54.1916



112.6890, -41.7517, 44.9997

Square

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



104.7920, 48.9095, -54.1916



114.0120, -4.4429, 71.9035



109.2370, -46.4588, 14.7012



95.1250, 16.7004, -83.4246

Rectangle

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



104.7920, 48.9095, -54.1916



119.1820, 21.1093, 42.8134



109.2370, -46.4588, 14.7012



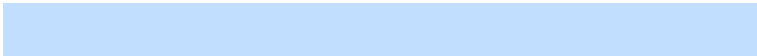
93.4010, -12.0297, -61.7417

Sweetspot

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



104.7920, 48.9095, -54.1916



217.3900, 18.5417, -20.5130



147.3110, -9.0273, -91.4807



105.1970, 11.2419, -12.4508



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.



104.7920, 48.9095, -54.1916



105.7450, 73.5827, -81.3374



62.8490, 69.5874, -13.0226



95.4880, 3.2104, -3.0590



63.5360, 50.5148, -55.7211



14.8980, 11.3893, -13.0655

Inverse Universe

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



99.5750, 8.5905, 91.5807



98.0120, 12.8121, 137.6785



184.1510, -69.5874, 13.0226



95.4460, 0.2731, 5.7479



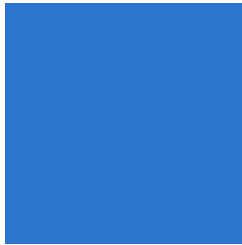
58.2980, 8.7271, 94.4547



13.4140, 2.2609, 21.5619

Previews

White Background



This preview shows how the YUV color 104.7920, 48.9095, -54.1916 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 104.7920, 48.9095, -54.1916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

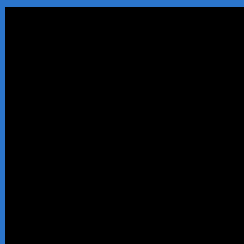
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

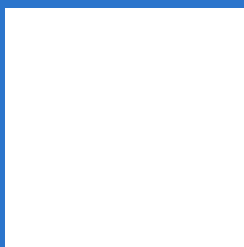
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 104.7920, 48.9095, -54.1916

Background



This preview shows how black text looks on a background with the YUV color 104.7920, 48.9095, -54.1916.



This preview shows how white text looks on a background with the YUV color 104.7920, 48.9095, -54.1916.

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

104.7920, 48.9095, -54.1916

Protanopia

112.1540, 43.3081, -30.8301

Deuteranopia

103.5960, 49.4992, -56.6507



Tritanopia

91.4550, 22.9467, -80.2060

Trichromacy



Original Color

104.7920, 48.9095, -54.1916

Protanomaly

109.2670, 45.2244, -38.8222

Deuteranomaly

103.8950, 49.3518, -56.0359

Tritanomaly

96.6270, 32.2289, -70.7099

Monochromacy



Original Color

104.7920, 48.9095, -54.1916

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.5750, 17.9575, -19.7983

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.7920, 48.9095, -54.1916 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(43, 117, 204)` looks like.

```
.text, #text, p{  
    color:rgb(43, 117, 204)  
}
```

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(43, 117, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 117, 204) }
```

Border

The CSS property to change the border of an element to YUV 104.7920, 48.9095, -54.1916 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(43, 117, 204) }
```


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

```
.border{ border-color:rgb(43, 117, 204) }
```

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

Here you see how a box with a 4 pixel rgb(43, 117, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 117, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 117, 204);  
box-shadow:4px 4px 4px 4px rgb(43, 117,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 104.7920, 48.9095, -54.1916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 117, 204) }
```

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

```
.background{ background-color: rgb(43, 117,  
204) }
```

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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