

Converting Colors

YUV(104.7490, 47.4517,
-53.2769)

Have a look what the booklet for
YUV(104.7490, 47.4517, -53.2769)
contains.

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Color

**YUV(104.7490, 47.4517,
-53.2769)**

Conversions

Conversions Part 1

Format	Color
Hex	2C75C9
RGB	44, 117, 201
RGB Percent	17%, 46%, 79%
CMY	0.8275, 0.5412, 0.2118
CMYK	0.78, 0.42, 0.00, 0.21
HSL	212°, 64%, 48%
HSV	212°, 78%, 79%
XYZ	17.9426, 17.4751, 57.6857
YIQ	104.7490, -70.4720, 10.6480

Conversions

Conversions Part 2

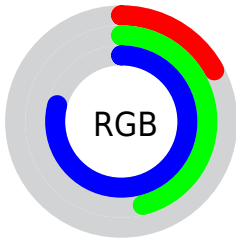
Format	Color
R _Y B	44, 94, 201
Decimal	2913737
CIE Lab	48.85, 7.29, -50.02
CIE LCh	49, 50.545, 278.289
Yxy	17.4751, 0.1927, 0.1877
Android (android.graphics.Color)	4281103817 (0xFF2C75C9)
YUV	104.7490, 47.4517, -53.2769
Hunter-Lab	41.8032, 3.4594, -52.5540

Details

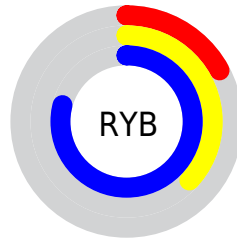
The YUV color **104.7490, 47.4517, -53.2769** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **140.2510, -47.4517, 53.2769**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0600, 45.8194, -43.0256**, and **57.7340, 43.5151, -50.6327** is the 20% darker color. If you saturate the color by 10%, you get **92.3120, 53.5832, -59.9096**, and if you desaturate by 10%, it is **117.1860, 41.3203, -46.6441**.

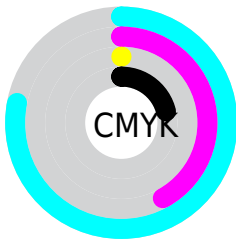
Distribution



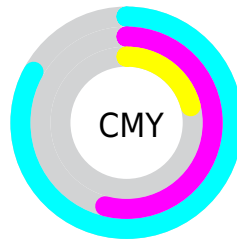
- Red (17%)
- Green (46%)
- Blue (79%)



- Red (17%)
- Yellow (37%)
- Blue (79%)



- Cyan (78%)
- Magenta (42%)
- Yellow (0%)
- Black (21%)



- Cyan (83%)
- Magenta (54%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.7490, 47.4517, -53.2769 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 104.7490, 47.4517, -53.2769 by changing the saturation by 10% instead.

■ 104.7490, 47.4517,
-53.2769

■ 104.7490, 47.4517,
-53.2769

255.0000, 0.0000,
0.0000

■ 74.3130, 48.6527,
-65.1725

■ 162.0600, 45.8194,
-43.0256

■ 57.7340, 43.5151,
-50.6327

■ 186.8790, 33.5837,
-38.4819

■ 41.8560, 38.5250,
-36.7077

■ 211.6980, 21.3479,
-33.9381

■ 27.2660, 33.3929,
-23.9123

■ 237.6910, 8.5333,
-30.4240

■ 11.6160, 29.2763,
-10.1872

■ 248.4220, 3.2430,
-13.5251

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 104.7490, 47.4517,
-53.2769

■ 104.7490, 47.4517,
-53.2769

■ 92.3120, 53.5832,
-59.9096

■ 117.1860, 41.3203,
-46.6441

■ 79.8750, 59.7146,
-66.5424

■ 129.6230, 35.1889,
-40.0114

■ 77.5050, 60.8830,
-67.9719

■ 141.4730, 29.3468,
-32.8638

■ 153.9100, 23.2154,
-26.2311

■ 166.6460, 16.9365,
-18.9835

■ 179.0830, 10.8051,
-12.3508

■ 190.9330, 4.9630,
-5.2032

■ 203.3700, -1.1684,
1.4295

■ 215.8070, -7.2999,
8.0623

Harmonies

Analogous

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



97.9530, 47.8442, -85.9048



104.7490, 47.4517, -53.2769



119.4430, 31.8266, 11.8895

Triad

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



104.7490, 47.4517, -53.2769



113.2180, -23.7715, 64.7068



88.1200, -2.5242, -77.2812

Complementary

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



104.7490, 47.4517, -53.2769



140.2510, -47.4517, 53.2769

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.



104.3710, -29.7629, -20.4964



104.7490, 47.4517, -53.2769



112.3730, -39.1309, 44.3999

Square

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



104.7490, 47.4517, -53.2769



113.8160, -3.8533, 69.4444



109.5190, -44.1329, 15.3308



94.8970, 15.8268, -83.2247

Rectangle

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



104.7490, 47.4517, -53.2769



118.8720, 21.2621, 40.4543



109.5190, -44.1329, 15.3308



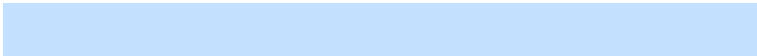
95.8040, -13.2144, -55.0791

Sweetspot

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



104.7490, 47.4517, -53.2769



219.1620, 17.6681, -20.3131



145.7350, -8.7434, -89.2216



105.4960, 11.0945, -11.8360



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.



104.7490, 47.4517, -53.2769



108.1040, 72.4197, -81.6522



63.3930, 67.8403, -12.6227



93.3740, 2.7736, -2.9590



63.1940, 49.2044, -55.4211



14.0830, 10.8051, -12.3508

Inverse Universe

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



99.2650, 8.7434, 89.2216



99.5280, 13.5437, 136.3489



181.6070, -67.8403, 12.6227



93.1470, 0.4205, 5.1331



57.4010, 9.1693, 92.6103



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 104.7490, 47.4517, -53.2769 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 104.7490, 47.4517, -53.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

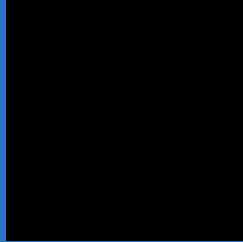
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 104.7490, 47.4517, -53.2769

Background



This preview shows how black text looks on a background with the YUV color 104.7490, 47.4517, -53.2769.



This preview shows how white text looks on a background with the YUV color 104.7490, 47.4517, -53.2769.

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

104.7490, 47.4517, -53.2769

Protanopia

112.4100, 41.7029, -29.3006

Deuteranopia

105.0480, 47.3043, -52.6621



Tritanopia

90.8680, 23.2361, -79.6912

Trichromacy



Original Color

104.7490, 47.4517, -53.2769

Protanomaly

109.2240, 43.7666, -37.9074

Deuteranomaly

105.0480, 47.3043, -52.6621

Tritanomaly

95.9260, 32.0815, -70.0951

Monochromacy



Original Color

104.7490, 47.4517, -53.2769

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.7600, 17.3733, -19.0835

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.7490, 47.4517, -53.2769 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(44, 117, 201)` looks like.

```
.text, #text, p{  
    color:rgb(44, 117, 201)  
}
```

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(44, 117, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 117, 201) }
```

Border

The CSS property to change the border of an element to YUV 104.7490, 47.4517, -53.2769 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(44, 117, 201) }
```


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

```
.border{ border-color:rgb(44, 117, 201) }
```

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

Here you see how a box with a 4 pixel rgb(44, 117, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 117, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 117, 201);  
box-shadow:4px 4px 4px 4px rgb(44, 117,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 104.7490, 47.4517, -53.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 117, 201) }
```

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

```
.background{ background-color: rgb(44, 117,  
201) }
```

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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