

Converting Colors

YUV(110.7530, 34.6318,
-48.0184)

Have a look what the booklet for
YUV(110.7530, 34.6318, -48.0184)
contains.

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Color

**YUV(110.7530, 34.6318,
-48.0184)**

Conversions

Conversions Part 1

Format	Color
Hex	387DB5
RGB	56, 125, 181
RGB Percent	22%, 49%, 71%
CMY	0.7804, 0.5098, 0.2902
CMYK	0.69, 0.31, 0.00, 0.29
HSL	207°, 53%, 46%
HSV	207°, 69%, 71%
XYZ	17.3050, 18.8442, 46.4413
YIQ	110.7530, -59.1000, 2.7880

Conversions

Conversions Part 2

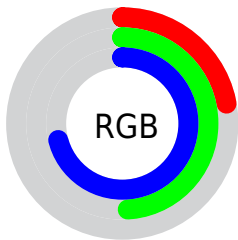
Format	Color
R_{YB}	56, 100, 181
Decimal	3702197
CIE _{Lab}	50.50, -3.27, -35.89
CIE _{LCh}	51, 36.035, 264.795
Yxy	18.8442, 0.2095, 0.2282
Android (android.graphics.Color)	4281892277 (0xFF387DB5)
YUV	110.7530, 34.6318, -48.0184
Hunter-Lab	43.4099, -4.8097, -33.0434

Details

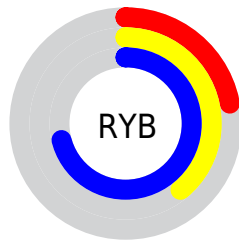
The YUV color **110.7530, 34.6318, -48.0184** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **126.2470, -34.6318, 48.0184**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9000, 35.0523, -42.8853**, and **59.2040, 33.9164, -51.9219** is the 20% darker color. If you saturate the color by 10%, you get **100.6750, 39.6002, -54.9660**, and if you desaturate by 10%, it is **120.8310, 29.6633, -41.0708**.

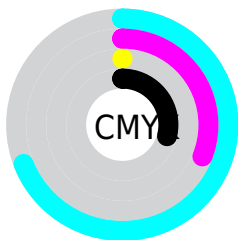
Distribution



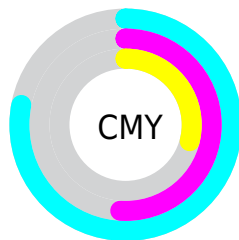
- Red (22%)
- Green (49%)
- Blue (71%)



- Red (22%)
- Yellow (39%)
- Blue (71%)



- Cyan (69%)
- Magenta (31%)
- Yellow (0%)
- Black (29%)



- Cyan (78%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.7530, 34.6318, -48.0184 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 110.7530, 34.6318, -48.0184 by changing the saturation by 10% instead.

■ 110.7530, 34.6318,
-48.0184

■ 110.7530, 34.6318,
-48.0184

■ 255.0000, 0.0000,
0.0000

■ 79.5450, 36.7063,
-60.1140

■ 165.9000, 35.0523,
-42.8853

■ 59.2040, 33.9164,
-51.9219

■ 192.7600, 30.6843,
-41.8855

■ 43.3260, 28.9263,
-37.9969

■ 217.8670, 18.3066,
-38.4714

■ 28.2630, 24.5203,
-24.7867

■ 239.7510, 7.5178,
-31.3536

■ 10.9660, 21.7088,
-9.6172

■ 248.4220, 3.2430,
-13.5251

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 110.7530, 34.6318,
-48.0184

■ 110.7530, 34.6318,
-48.0184

■ 100.6750, 39.6002,
-54.9660

■ 120.8310, 29.6633,
-41.0708

■ 90.5970, 44.5687,
-61.9136

■ 130.9090, 24.6949,
-34.1232

■ 80.5190, 49.5371,
-68.8612

■ 140.9870, 19.7264,
-27.1756

■ 79.3340, 50.1213,
-69.5759

■ 151.0650, 14.7580,
-20.2280

■ 162.0290, 9.3527,
-13.1804

■ 172.1070, 4.3842,
-6.2328

■ 182.1850, -0.5842,
0.7148

■ 192.2630, -5.5527,
7.6623

■ 202.3410,
-10.5211, 14.6099

Harmonies

Analogous

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



96.8640, 36.0560, -84.9497



110.7530, 34.6318, -48.0184



121.3670, 26.9341, -5.5839

Triad

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



110.7530, 34.6318, -48.0184



121.1050, -12.3768, 49.8969



110.6700, -13.1483, -29.5286

Complementary

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



110.7530, 34.6318, -48.0184



126.2470, -34.6318, 48.0184

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.



114.9310, -25.6020, -1.6935



110.7530, 34.6318, -48.0184



120.2490, -24.2798, 41.0006

Square

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



110.7530, 34.6318, -48.0184



122.2690, 2.3324, 45.3681



118.3470, -29.7511, 22.4977



97.6120, 8.0793, -71.5737

Rectangle

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



110.7530, 34.6318, -48.0184



123.3760, 20.0276, 16.3332



118.3470, -29.7511, 22.4977



112.3570, -18.4170, -19.6071

Sweetspot

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



110.7530, 34.6318, -48.0184



207.1360, 13.7370, -19.4133



135.5310, -12.5868, -69.7487



100.6980, 8.0369, -11.1361



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



110.7530, 34.6318, -48.0184



125.0390, 54.2108, -74.5792



74.9460, 52.2846, -16.6156



83.9610, 2.4842, -3.4738



66.7500, 42.5213, -58.5397



11.1820, 7.3053, -9.8066

Inverse Universe

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



101.2410, 11.7132, 69.9486



110.5030, 17.9930, 109.1839



162.0540, -52.2846, 16.6156



83.2610, 0.8573, 5.0331



55.3230, 14.1378, 85.6627



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 110.7530, 34.6318, -48.0184 looks on a white 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

Black Background



This preview shows how the YUV color 110.7530, 34.6318, -48.0184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

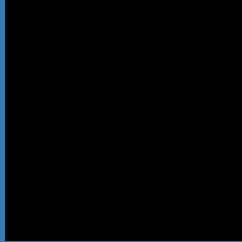
Any Text WCAG AA ✓ Pass

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 110.7530, 34.6318, -48.0184 Background



This preview shows how black text looks on a background with the YUV color 110.7530, 34.6318, -48.0184.

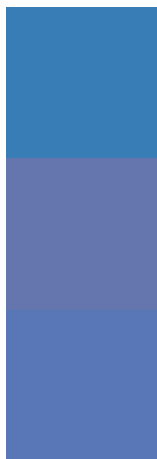


This preview shows how white text looks on a background with the YUV color 110.7530, 34.6318, -48.0184.

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

110.7530, 34.6318, -48.0184

Protanopia

119.4150, 27.4034, -16.1500

Deuteranopia

117.2120, 31.9405, -24.7419



Tritanopia

102.1580, 20.1351, -65.0366

Trichromacy



Original Color

110.7530, 34.6318, -48.0184

Protanomaly

116.6200, 29.7673, -27.7307

Deuteranomaly

114.7980, 33.1306, -33.1488

Tritanomaly

104.9830, 25.6444, -58.7441

Monochromacy



Original Color

110.7530, 34.6318, -48.0184

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.8050, 12.4211, -17.3690

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.7530, 34.6318, -48.0184 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(56, 125, 181)` looks like.

```
.text, #text, p{  
    color:rgb(56, 125, 181)  
}
```

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(56, 125, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 125, 181) }
```

Border

The CSS property to change the border of an element to YUV 110.7530, 34.6318, -48.0184 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

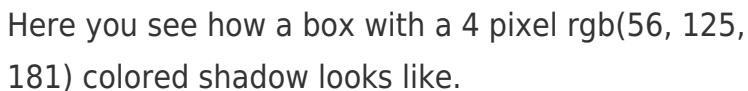
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(56, 125, 181) }
```


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

```
.border{ border-color:rgb(56, 125, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(56, 125, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(56, 125, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(56, 125, 181); box-shadow:4px 4px 4px 4px rgb(56, 125, 181) }
```

Background

The CSS property to change the background color of an element to YUV 110.7530, 34.6318, -48.0184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 125, 181) }
```

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

```
.background{ background-color: rgb(56, 125,  
181) }
```

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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