

Converting Colors

YUV(125.5910, 30.2746,
-50.5073)

Have a look what the booklet for
YUV(125.5910, 30.2746, -50.5073)
contains.

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Color

**YUV(125.5910, 30.2746,
-50.5073)**

Conversions

Conversions Part 1

Format	Color
Hex	448FBB
RGB	68, 143, 187
RGB Percent	27%, 56%, 73%
CMY	0.7333, 0.4392, 0.2667
CMYK	0.64, 0.24, 0.00, 0.27
HSL	202°, 47%, 50%
HSV	202°, 64%, 73%
XYZ	21.1760, 24.4617, 50.6192
YIQ	125.5910, -58.8240, -2.2160

Conversions

Conversions Part 2

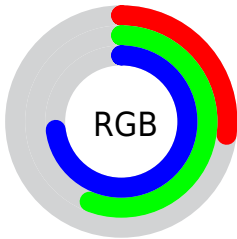
Format	Color
RYB	68, 114, 187
Decimal	4493243
CIELab	56.55, -9.59, -29.85
CIELCh	57, 31.356, 252.191
Yxy	24.4617, 0.2200, 0.2541
Android (android.graphics.Color)	4282683323 (0xFF448FBB)
YUV	125.5910, 30.2746, -50.5073
Hunter-Lab	49.4588, -10.1273, -26.0599

Details

The YUV color **125.5910, 30.2746, -50.5073** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **129.4090, -30.2746, 50.5073**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.3140, 30.4112, -47.6334**, and **69.8670, 31.6176, -61.2734** is the 20% darker color. If you saturate the color by 10%, you get **115.8010, 35.1011, -58.5845**, and if you desaturate by 10%, it is **135.3810, 25.4482, -42.4301**.

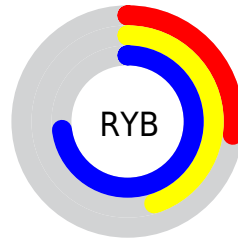
Distribution



Red (27%)

Green (56%)

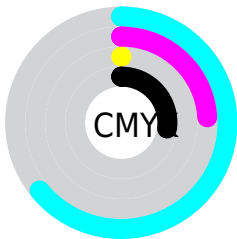
Blue (73%)



Red (27%)

Yellow (45%)

Blue (73%)

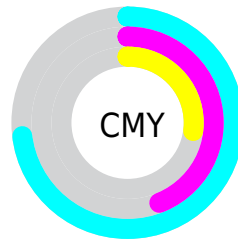


Cyan (64%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (73%)

Magenta (44%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.5910, 30.2746, -50.5073 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 125.5910, 30.2746, -50.5073 by changing the saturation by 10% instead.

■ 125.5910, 30.2746,
-50.5073

■ 125.5910, 30.2746,
-50.5073

■ 255.0000, 0.0000,
0.0000

■ 96.7860, 31.1645,
-55.9403

■ 181.3140, 30.4112,
-47.6334

■ 69.8670, 31.6176,
-61.2734

■ 207.7890, 23.2750,
-45.4190

■ 52.8150, 27.2062,
-46.3188

■ 232.8960, 10.8973,
-42.0048

■ 37.1650, 23.0897,
-32.5937

■ 242.7410, 6.0437,
-25.2059

■ 22.6890, 18.3943,
-19.8983

■ 251.7110, 1.6215,
-6.7625

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 125.5910, 30.2746,
-50.5073

■ 125.5910, 30.2746,
-50.5073

■ 115.8010, 35.1011,
-58.5845

■ 135.3810, 25.4482,
-42.4301

■ 106.3100, 39.7802,
-66.0469

■ 144.8720, 20.7691,
-34.9677

■ 96.5200, 44.6066,
-74.1240

■ 154.6620, 15.9426,
-26.8906

■ 90.5840, 47.5331,
-79.4422

■ 164.4520, 11.1162,
-18.8134

■ 174.2420, 6.2897,
-10.7362

■ 183.1460, 1.9000,
-2.7590

■ 192.9360, -2.9264,
5.3181

■ 202.7260, -7.7529,
13.3953

■ 212.2170,
-12.4320, 20.8577

Harmonies

Analogous

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



113.8450, 28.1774, -77.9171



125.5910, 30.2746, -50.5073



134.5890, 26.8246, -17.1796

Triad

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



125.5910, 30.2746, -50.5073



138.2660, -6.5401, 44.4937



129.3190, -17.4123, -15.1888

Complementary

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



125.5910, 30.2746, -50.5073



129.4090, -30.2746, 50.5073

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.



133.1110, -25.1977, 8.6727



125.5910, 30.2746, -50.5073



136.2690, -17.8806, 41.8601

Square

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



125.5910, 30.2746, -50.5073



139.6420, 6.5855, 34.5170



134.9440, -25.1154, 28.9901



124.2370, -3.0748, -40.5498

Rectangle

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



125.5910, 30.2746, -50.5073



138.0430, 21.6708, 2.5933



134.9440, -25.1154, 28.9901



130.8640, -20.6390, -6.8967

Sweetspot

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



125.5910, 30.2746, -50.5073



218.2670, 11.7004, -19.5282



142.8690, -15.2184, -65.6601



107.7580, 7.0213, -12.0658



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



125.5910, 30.2746, -50.5073



147.0680, 46.8015, -78.1126



90.9580, 47.3487, -20.1342



89.5480, 2.1948, -3.9886



76.7120, 40.0750, -67.2764



14.6870, 8.0423, -12.8805

Inverse Universe

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



112.1310, 15.2184, 65.6601



126.2400, 23.5457, 101.5215



164.0420, -47.3487, 20.1342



88.3750, 1.2941, 4.9331



58.6420, 20.3895, 87.1370



11.4350, 3.7295, 17.1585

Previews

White Background



This preview shows how the YUV color 125.5910, 30.2746, -50.5073 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 125.5910, 30.2746, -50.5073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

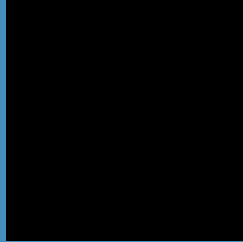
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.5910, 30.2746, -50.5073

Background



This preview shows how black text looks on a background with the YUV color 125.5910, 30.2746, -50.5073.



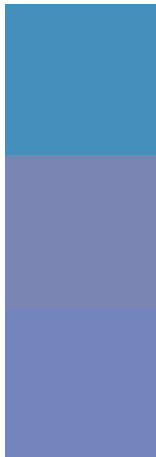
This preview shows how white text looks on a background with the YUV color 125.5910, 30.2746, -50.5073.

-50.5073.

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

125.5910, 30.2746, -50.5073

Protanopia

135.0690, 22.1510, -11.4615

Deuteranopia

134.3010, 26.9666, -16.0500



Tritanopia

121.2620, 19.0978, -58.9888

Trichromacy



Original Color

125.5910, 30.2746, -50.5073

Protanomaly

131.7790, 25.2520, -26.1162

Deuteranomaly

131.4520, 27.8782, -28.4604

Tritanomaly

122.7230, 23.3076, -55.8851

Monochromacy



Original Color

125.5910, 30.2746, -50.5073

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7510, 10.9688, -18.1986

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.5910, 30.2746, -50.5073 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(68, 143, 187)` looks like.

```
.text, #text, p{  
    color:rgb(68, 143, 187)  
}
```

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(68, 143, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 143, 187) }
```

Border

The CSS property to change the border of an element to YUV 125.5910, 30.2746, -50.5073 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(68, 143, 187) }
```


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

```
.border{ border-color:rgb(68, 143, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 143, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 143, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 143, 187);  
box-shadow:4px 4px 4px 4px rgb(68, 143,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 125.5910, 30.2746, -50.5073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 143, 187) }
```

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

```
.background{ background-color: rgb(68, 143,  
187) }
```

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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