

Converting Colors

YUV(125.1170, 35.9313,
-44.8296)

Have a look what the booklet for
YUV(125.1170, 35.9313, -44.8296)
contains.

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Color

**YUV(125.1170, 35.9313,
-44.8296)**

Conversions

Conversions Part 1

Format	Color
Hex	4A89C6
RGB	74, 137, 198
RGB Percent	29%, 54%, 78%
CMY	0.7098, 0.4627, 0.2235
CMYK	0.63, 0.31, 0.00, 0.22
HSL	210°, 52%, 53%
HSV	210°, 63%, 78%
XYZ	21.9627, 23.4244, 56.7899
YIQ	125.1170, -57.1290, 5.6150

Conversions

Conversions Part 2

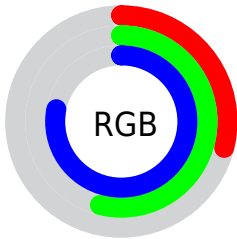
Format	Color
R_{YB}	74, 116, 198
Decimal	4884934
CIE _{Lab}	55.51, -1.40, -37.70
CIE _{LCh}	56, 37.729, 267.878
Yxy	23.4244, 0.2149, 0.2293
Android (android.graphics.Color)	4283075014 (0xFF4A89C6)
YUV	125.1170, 35.9313, -44.8296
Hunter-Lab	48.3987, -3.6967, -35.6903

Details

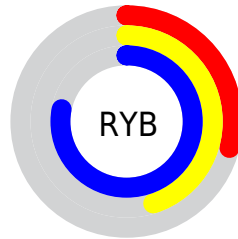
The YUV color **125.1170, 35.9313, -44.8296** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **146.8830, -35.9313, 44.8296**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.3670, 36.7941, -41.5409**, and **68.0720, 37.4325, -59.6991** is the 20% darker color. If you saturate the color by 10%, you get **113.2670, 41.7734, -51.9772**, and if you desaturate by 10%, it is **136.9670, 30.0893, -37.6821**.

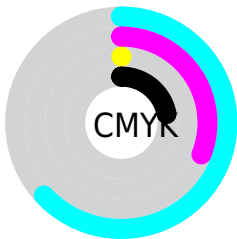
Distribution



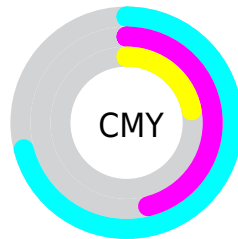
- Red (29%)
- Green (54%)
- Blue (78%)



- Red (29%)
- Yellow (45%)
- Blue (78%)



- Cyan (63%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)



- Cyan (71%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.1170, 35.9313, -44.8296 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 125.1170, 35.9313, -44.8296 by changing the saturation by 10% instead.

■ 125.1170, 35.9313,
-44.8296

■ 125.1170, 35.9313,
-44.8296

■ 255.0000, 0.0000,
0.0000

■ 97.1980, 36.3844,
-50.1626

■ 180.3670, 36.7941,
-41.5409

■ 68.0720, 37.4325,
-59.6991

■ 205.4740, 24.4163,
-38.1267

■ 51.6070, 32.7317,
-45.2593

■ 230.5810, 12.0386,
-34.7125

■ 35.8430, 28.1784,
-31.4343

■ 244.8340, 5.0118,
-20.9024

■ 21.3670, 23.4831,
-18.7389

■ 253.5050, 0.7370,
-3.0739

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 125.1170, 35.9313,
-44.8296

■ 125.1170, 35.9313,
-44.8296

■ 113.2670, 41.7734,
-51.9772

■ 136.9670, 30.0893,
-37.6821

■ 102.0040, 47.3260,
-59.6395

■ 148.2300, 24.5366,
-30.0197

■ 90.4530, 53.0207,
-66.1723

■ 159.7810, 18.8420,
-23.4869

■ 81.8590, 57.2575,
-71.7903

■ 171.6310, 12.9999,
-16.3394

■ 183.4810, 7.1579,
-9.1918

■ 194.7440, 1.6052,
-1.5295

■ 206.5940, -4.2368,
5.6181

■ 218.1450, -9.9315,
12.1508

■ 229.9950,
-15.7735, 19.2984

Harmonies

Analogous

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



106.5470, 40.1563, -93.4417



125.1170, 35.9313, -44.8296



134.6170, 27.7968, -2.2951

Triad

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



125.1170, 35.9313, -44.8296



133.8450, -14.7136, 52.7559



121.8650, -12.2584, -34.9616

Complementary

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



125.1170, 35.9313, -44.8296



146.8830, -35.9313, 44.8296

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.



126.9800, -26.6121, -4.3675



125.1170, 35.9313, -44.8296



132.8640, -27.0480, 42.2153

Square

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



125.1170, 35.9313, -44.8296



135.2480, 0.8637, 49.7715



130.1790, -31.6402, 21.7680



107.2410, 10.7272, -80.8954

Rectangle

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



125.1170, 35.9313, -44.8296



136.6970, 19.8694, 20.4367



130.1790, -31.6402, 21.7680



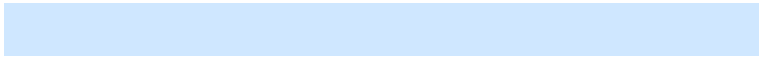
124.1500, -17.8219, -23.8105

Sweetspot

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



125.1170, 35.9313, -44.8296



226.5600, 14.0209, -17.1541



153.6280, -9.6766, -69.8338



110.2250, 8.7631, -10.7213



0.0000, 0.0000, 0.0000



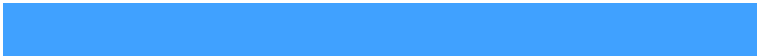
128.0000, 0.0000, 0.0000

Same Dimension

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



125.1170, 35.9313, -44.8296



142.7130, 55.3575, -69.0313



89.3100, 53.5842, -13.4269



93.9610, 2.4842, -3.4738



67.3030, 47.1786, -59.0247



14.6700, 10.5157, -12.8656

Inverse Universe

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



118.2580, 9.2398, 69.9337



132.1670, 14.2147, 107.7245



182.6900, -53.5842, 13.4269



93.2610, 0.8573, 5.0331



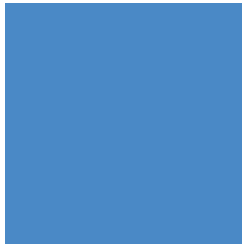
58.1990, 12.2269, 91.9105



12.8160, 2.5557, 20.3324

Previews

White Background



This preview shows how the YUV color 125.1170, 35.9313, -44.8296 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 125.1170, 35.9313, -44.8296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

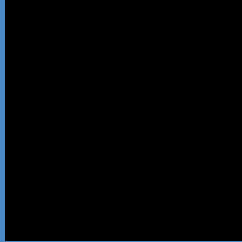
Any Text WCAG AA ✓ Pass

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 125.1170, 35.9313, -44.8296 Background



This preview shows how black text looks on a background with the YUV color 125.1170, 35.9313, -44.8296.

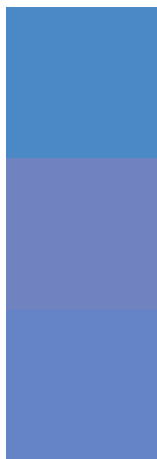


This preview shows how white text looks on a background with the YUV color 125.1170, 35.9313, -44.8296.

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

125.1170, 35.9313, -44.8296

Protanopia

131.6860, 29.7348, -17.2646

Deuteranopia

130.3690, 33.8351, -25.7566



Tritanopia

118.8600, 18.8030, -57.7592

Trichromacy



Original Color

125.1170, 35.9313, -44.8296

Protanomaly

129.4890, 31.8039, -27.6159

Deuteranomaly

128.5530, 34.7304, -32.9340

Tritanomaly

121.2010, 25.0439, -52.7963

Monochromacy



Original Color

125.1170, 35.9313, -44.8296

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.7450, 13.4367, -16.4394

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.1170, 35.9313, -44.8296 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(74, 137, 198)` looks like.

```
.text, #text, p{  
    color:rgb(74, 137, 198)  
}
```

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(74, 137, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 137, 198) }
```

Border

The CSS property to change the border of an element to YUV 125.1170, 35.9313, -44.8296 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(74, 137, 198) }
```


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

```
.border{ border-color:rgb(74, 137, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 137, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 137, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 137, 198);  
box-shadow:4px 4px 4px 4px rgb(74, 137,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 125.1170, 35.9313, -44.8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 137, 198) }
```

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

```
.background{ background-color: rgb(74, 137,  
198) }
```

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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