

Converting Colors

YUV(135.9610, 29.1062,
-49.0778)

Have a look what the booklet for
YUV(135.9610, 29.1062, -49.0778)
contains.

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Color

**YUV(135.9610, 29.1062,
-49.0778)**

Conversions

Conversions Part 1

Format	Color
Hex	5099C3
RGB	80, 153, 195
RGB Percent	31%, 60%, 76%
CMY	0.6863, 0.4000, 0.2353
CMYK	0.59, 0.22, 0.00, 0.24
HSL	202°, 49%, 54%
HSV	202°, 59%, 76%
XYZ	24.5498, 28.4281, 55.8230
YIQ	135.9610, -56.9900, -2.4140

Conversions

Conversions Part 2

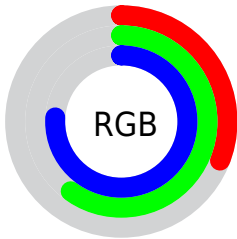
Format	Color
R_{YB}	80, 125, 195
Decimal	5282243
CIE _{Lab}	60.27, -10.34, -28.57
CIE _{LCh}	60, 30.380, 250.100
Yxy	28.4281, 0.2256, 0.2613
Android (android.graphics.Color)	4283472323 (0xFF5099C3)
YUV	135.9610, 29.1062, -49.0778
Hunter-Lab	53.3180, -11.1176, -24.7530

Details

The YUV color **135.9610, 29.1062, -49.0778** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **139.0390, -29.1062, 49.0778**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4990, 29.8270, -46.9186**, and **75.9480, 32.0706, -66.6064** is the 20% darker color. If you saturate the color by 10%, you get **126.1710, 33.9327, -57.1550**, and if you desaturate by 10%, it is **145.7510, 24.2798, -41.0006**.

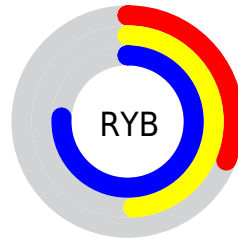
Distribution



Red (31%)

Green (60%)

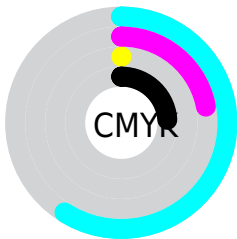
Blue (76%)



Red (31%)

Yellow (49%)

Blue (76%)

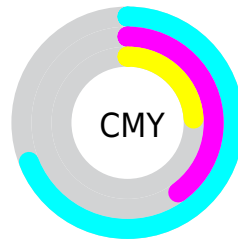


Cyan (59%)

Magenta (22%)

Yellow (0%)

Black (24%)



Cyan (69%)

Magenta (40%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.9610, 29.1062, -49.0778 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 135.9610, 29.1062, -49.0778 by changing the saturation by 10% instead.

■ 135.9610, 29.1062,
-49.0778

■ 135.9610, 29.1062,
-49.0778

255.0000, 0.0000,
0.0000

■ 108.0530, 29.5539,
-52.6665

■ 191.4990, 29.8270,
-46.9186

■ 75.9480, 32.0706,
-66.6064

■ 217.5350, 18.4702,
-44.3192

■ 58.8960, 27.6593,
-51.6518

■ 237.3590, 8.6970,
-36.2718

■ 42.6590, 23.8321,
-37.4119

■ 246.0300, 4.4222,
-18.4433

■ 27.5960, 19.4262,
-24.2017

■ 8.0650, 18.2090,
-7.0730

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 135.9610, 29.1062,
-49.0778

■ 135.9610, 29.1062,
-49.0778

■ 126.1710, 33.9327,
-57.1550

■ 145.7510, 24.2798,
-41.0006

■ 116.0820, 38.9066,
-65.8469

■ 155.8400, 19.3059,
-32.3087

■ 105.9930, 43.8805,
-74.5389

■ 165.6300, 14.4794,
-24.2315

■ 96.2030, 48.7069,
-82.6160

■ 175.7190, 9.5055,
-15.5396

■ 95.0180, 49.2911,
-83.3308

■ 186.3950, 4.2423,
-7.3624

■ 196.1850, -0.5842,
0.7148

■ 206.2740, -5.5581,
9.4067

■ 216.0640,
-10.3846, 17.4839

■ 225.8540,
-15.2110, 25.5610

Harmonies

Analogous

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



128.1020, 25.0927, -68.4955



135.9610, 29.1062, -49.0778



144.4640, 26.3932, -18.8239

Triad

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



135.9610, 29.1062, -49.0778



148.1950, -5.5191, 43.6790



139.6290, -17.5651, -12.8296

Complementary

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



135.9610, 29.1062, -49.0778



139.0390, -29.1062, 49.0778

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.



143.1220, -25.2031, 10.4170



135.9610, 29.1062, -49.0778



146.4970, -17.0070, 41.6601

Square

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



135.9610, 29.1062, -49.0778



148.8590, 7.4645, 32.5727



144.7700, -24.5366, 30.0197



134.9170, -4.3961, -36.7612

Rectangle

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



135.9610, 29.1062, -49.0778



147.4450, 21.9656, 1.3637



144.7700, -24.5366, 30.0197



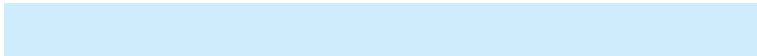
140.7610, -21.0812, -5.0524

Sweetspot

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



135.9610, 29.1062, -49.0778



229.1530, 11.2636, -19.4282



152.0650, -15.8080, -63.2010



112.8720, 7.4581, -12.1657



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.



135.9610, 29.1062, -49.0778



160.3240, 45.1963, -76.5831



103.0890, 45.3121, -20.2491



91.6620, 2.6316, -4.0886



78.2280, 40.8066, -68.6060



16.0890, 8.3371, -14.1101

Inverse Universe

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



122.7070, 14.9344, 63.4010



139.5170, 23.4091, 98.6476



171.9110, -45.3121, 20.2491



90.6740, 1.1467, 5.5479



59.7670, 20.8209, 88.7813



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 135.9610, 29.1062, -49.0778 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 135.9610, 29.1062, -49.0778 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 135.9610, 29.1062, -49.0778

Background



This preview shows how black text looks on a background with the YUV color 135.9610, 29.1062, -49.0778.



This preview shows how white text looks on a background with the YUV color 135.9610, 29.1062, -49.0778.

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

135.9610, 29.1062, -49.0778

Protanopia

145.0260, 20.6932, -10.5468

Deuteranopia

144.9700, 25.6508, -14.0057



Tritanopia

132.1700, 18.6502, -55.4001

Trichromacy



Original Color

135.9610, 29.1062, -49.0778

Protanomaly

142.0350, 23.6467, -24.5867

Deuteranomaly

141.8220, 26.7098, -27.0309

Tritanomaly

133.8050, 22.2811, -53.3260

Monochromacy



Original Color

135.9610, 29.1062, -49.0778

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9360, 10.3846, -17.4839

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.9610, 29.1062, -49.0778 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(80, 153, 195)` looks like.

```
.text, #text, p{  
    color:rgb(80, 153, 195)  
}
```

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(80, 153, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 153, 195) }
```

Border

The CSS property to change the border of an element to YUV 135.9610, 29.1062, -49.0778 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(80, 153, 195) }
```


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

```
.border{ border-color:rgb(80, 153, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 153, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 153, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 153, 195);  
box-shadow:4px 4px 4px 4px rgb(80, 153,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 135.9610, 29.1062, -49.0778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 153, 195) }
```

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

```
.background{ background-color: rgb(80, 153,  
195) }
```

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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