

Converting Colors

YUV(158.6310, 22.8599,
-52.2964)

Have a look what the booklet for
YUV(158.6310, 22.8599, -52.2964)
contains.

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Color

**YUV(158.6310, 22.8599,
-52.2964)**

Conversions

Conversions Part 1

Format	Color
Hex	63B4CD
RGB	99, 180, 205
RGB Percent	39%, 71%, 80%
CMY	0.6118, 0.2941, 0.1961
CMYK	0.52, 0.12, 0.00, 0.20
HSL	194°, 51%, 60%
HSV	194°, 52%, 80%
XYZ	32.4863, 39.7029, 63.7088
YIQ	158.6310, -56.3010, -9.3970

Conversions

Conversions Part 2

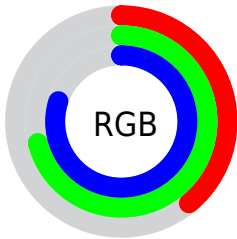
Format	Color
R_{YB}	99, 145, 205
Decimal	6534349
CIE _{Lab}	69.26, -17.90, -20.28
CIE _{LCh}	69, 27.053, 228.572
Yxy	39.7029, 0.2390, 0.2922
Android (android.graphics.Color)	4284724429 (0xFF63B4CD)
YUV	158.6310, 22.8599, -52.2964
Hunter-Lab	63.0103, -18.2385, -15.8401

Details

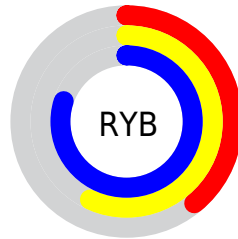
The YUV color **158.6310, 22.8599, -52.2964** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **145.3690, -22.8599, 52.2964**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2460, 20.0917, -51.0817**, and **102.5270, 23.8972, -58.3442** is the 20% darker color. If you saturate the color by 10%, you get **149.7160, 27.2550, -62.0179**, and if you desaturate by 10%, it is **167.8450, 18.3174, -41.9601**.

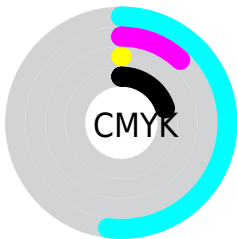
Distribution



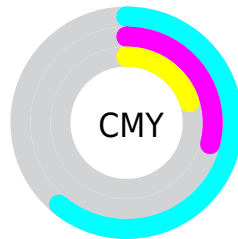
- Red (39%)
- Green (71%)
- Blue (80%)



- Red (39%)
- Yellow (57%)
- Blue (80%)



- Cyan (52%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (61%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.6310, 22.8599, -52.2964 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 158.6310, 22.8599, -52.2964 by changing the saturation by 10% instead.

■ 158.6310, 22.8599,
-52.2964

■ 158.6310, 22.8599,
-52.2964

■ 255.0000, 0.0000,
0.0000

■ 130.9190, 22.7179,
-53.4260

■ 214.2460, 20.0917,
-51.0817

■ 102.5270, 23.8972,
-58.3442

■ 234.0700, 10.3185,
-43.0344

■ 74.1240, 25.0819,
-65.0067

■ 242.7410, 6.0437,
-25.2059

■ 57.1860, 21.1073,
-50.1521

■ 251.7110, 1.6215,
-6.7625

■ 40.9490, 17.2801,
-35.9123

■ 26.0000, 13.3110,
-22.8020

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 158.6310, 22.8599,
-52.2964

■ 158.6310, 22.8599,
-52.2964

■ 149.7160, 27.2550,
-62.0179

■ 167.8450, 18.3174,
-41.9601

■ 140.5020, 31.7975,
-72.3543

■ 176.7600, 13.9223,
-32.2385

■ 131.2880, 36.3400,
-82.6906

■ 185.9740, 9.3798,
-21.9022

■ 122.9600, 40.4457,
-92.9269

■ 194.3020, 5.2741,
-11.6659

■ 115.5290, 44.1092,
-101.3189

■ 203.5160, 0.7316,
-1.3295

■ 212.4310, -3.6635,
8.3920

■ 221.6450, -8.2060,
18.7283

■ 228.1680,
-11.4218, 23.5317

■ 231.1030,
-12.8688, 20.9577

Harmonies

Analogous

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



157.4000, 13.1138, -52.9708



158.6310, 22.8599, -52.2964



164.2510, 26.0053, -34.4231

Triad

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



158.6310, 22.8599, -52.2964



173.1320, 3.3859, 34.0872



166.0010, -21.6925, 4.3841

Complementary

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



158.6310, 22.8599, -52.2964



145.3690, -22.8599, 52.2964

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.



168.3670, -23.3519, 23.3571



158.6310, 22.8599, -52.2964



172.3750, -8.5659, 40.8901

Square

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



158.6310, 22.8599, -52.2964



172.8830, 14.3547, 15.8886



170.4210, -18.4486, 37.3418



163.3340, -13.4757, -17.8329

Rectangle

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



158.6310, 22.8599, -52.2964



168.1930, 24.0619, -17.7093



170.4210, -18.4486, 37.3418



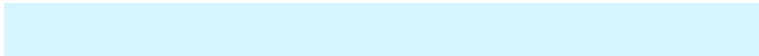
167.2900, -23.3140, 11.1467

Sweetspot

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



158.6310, 22.8599, -52.2964



236.8710, 8.9376, -20.0579



164.0720, -19.7555, -57.0681



117.0030, 5.4215, -12.2806



0.0000, 0.0000, 0.0000



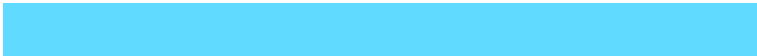
128.0000, 0.0000, 0.0000

Same Dimension

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



158.6310, 22.8599, -52.2964



186.0390, 33.9978, -78.0872



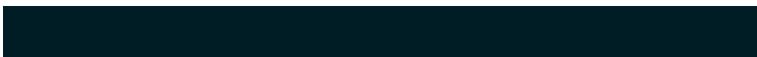
127.5200, 38.1976, -25.0120



97.8360, 2.0529, -5.1182



93.4730, 35.7558, -81.9758



21.3550, 8.2060, -18.7283

Inverse Universe

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



139.9280, 19.7555, 57.0681



158.0360, 29.5623, 85.0374



176.4800, -38.1976, 25.0120



95.9020, 2.0203, 5.3479



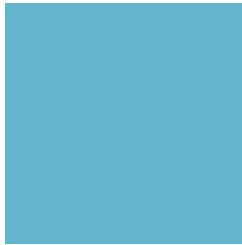
64.1120, 31.0038, 89.3558



14.6680, 7.0657, 20.4622

Previews

White Background



This preview shows how the YUV color 158.6310, 22.8599, -52.2964 looks on a white background.

Color Contrast Check

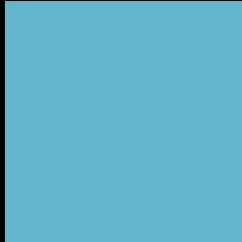
Large Text (above 18pt) WCAG AA × Fail

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 158.6310, 22.8599, -52.2964 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 ✓ Pass

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

YUV 158.6310, 22.8599, -52.2964 Background



This preview shows how black text looks on a background with the YUV color 158.6310, 22.8599, -52.2964.



This preview shows how white text looks on a background with the YUV color 158.6310, 22.8599, -52.2964.

-52.2964.

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

158.6310, 22.8599, -52.2964

Protanopia

169.1100, 13.2568, -5.3585

Deuteranopia

169.6030, 18.9297, -4.9138



Tritanopia

157.2950, 19.0816, -53.7557

Trichromacy



Original Color

158.6310, 22.8599, -52.2964

Protanomaly

165.5100, 16.5106, -22.3723

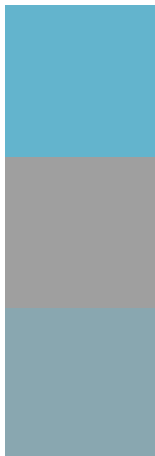
Deuteranomaly

165.2480, 20.5837, -22.1425

Tritanomaly

157.9360, 20.2446, -53.4409

Monochromacy



Original Color

158.6310, 22.8599, -52.2964

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0560, 8.3534, -19.3431

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.6310, 22.8599, -52.2964 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(99, 180, 205)` looks like.

```
.text, #text, p{  
    color:rgb(99, 180, 205)  
}
```

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(99, 180, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 180, 205) }
```

Border

The CSS property to change the border of an element to YUV 158.6310, 22.8599, -52.2964 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(99, 180, 205) }
```


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

```
.border{ border-color:rgb(99, 180, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 180, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 180, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 180, 205);  
box-shadow:4px 4px 4px 4px rgb(99, 180,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 158.6310, 22.8599, -52.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 180, 205) }
```

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

```
.background{ background-color: rgb(99, 180,  
205) }
```

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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