

Converting Colors

YUV(128.6170, 34.2058,
-51.4071)

Have a look what the booklet for
YUV(128.6170, 34.2058, -51.4071)
contains.

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Color

**YUV(128.6170, 34.2058,
-51.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	4691C6
RGB	70, 145, 198
RGB Percent	27%, 57%, 78%
CMY	0.7255, 0.4314, 0.2235
CMYK	0.65, 0.27, 0.00, 0.22
HSL	205°, 53%, 53%
HSV	205°, 65%, 78%
XYZ	22.8442, 25.6301, 57.1692
YIQ	128.6170, -61.7130, 0.5830

Conversions

Conversions Part 2

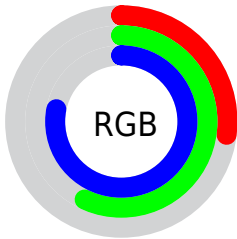
Format	Color
R _{YB}	70, 117, 198
Decimal	4624838
CIE _{Lab}	57.68, -6.73, -34.31
CIE _{LCh}	58, 34.961, 258.898
Y _{xy}	25.6301, 0.2162, 0.2426
Android (android.graphics.Color)	4282814918 (0xFF4691C6)
YUV	128.6170, 34.2058, -51.4071
Hunter-Lab	50.6262, -8.0507, -31.5144

Details

The YUV color **128.6170, 34.2058, -51.4071** 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 **139.3830, -34.2058, 51.4071**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.7530, 34.6318, -48.0184**, and **72.1810, 35.4068, -63.3027** is the 20% darker color. If you saturate the color by 10%, you get **117.9410, 39.4691, -59.5843**, and if you desaturate by 10%, it is **139.2930, 28.9426, -43.2300**.

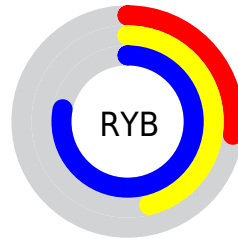
Distribution



Red (27%)

Green (57%)

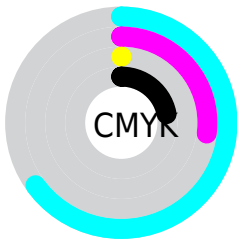
Blue (78%)



Red (27%)

Yellow (46%)

Blue (78%)

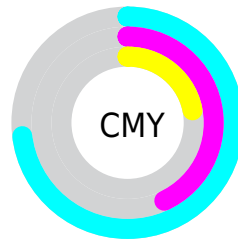


Cyan (65%)

Magenta (27%)

Yellow (0%)

Black (22%)



Cyan (73%)

Magenta (43%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.6170, 34.2058, -51.4071 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 128.6170, 34.2058, -51.4071 by changing the saturation by 10% instead.

■ 128.6170, 34.2058,
-51.4071

■ 128.6170, 34.2058,
-51.4071

■ 255.0000, 0.0000,
0.0000

■ 99.5130, 35.2431,
-57.4549

■ 184.7530, 34.6318,
-48.0184

■ 72.1810, 35.4068,
-63.3027

■ 209.8600, 22.2540,
-44.6042

■ 55.1290, 30.9954,
-48.3481

■ 234.9670, 9.8763,
-41.1901

■ 39.3650, 26.4421,
-34.5231

■ 243.9370, 5.4541,
-22.7467

■ 24.8890, 21.7467,
-21.8277

■ 252.9070, 1.0318,
-4.3034

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 128.6170, 34.2058,
-51.4071

■ 128.6170, 34.2058,
-51.4071

■ 117.9410, 39.4691,
-59.5843

■ 139.2930, 28.9426,
-43.2300

■ 107.2650, 44.7324,
-67.7614

■ 149.9690, 23.6793,
-35.0528

■ 96.3010, 50.1376,
-74.8090

■ 160.9330, 18.2740,
-28.0052

■ 90.6640, 52.9166,
-79.5123

■ 171.6090, 13.0108,
-19.8281

■ 182.2850, 7.7475,
-11.6509

■ 192.9610, 2.4842,
-3.4738

■ 203.6370, -2.7790,
4.7034

■ 214.6010, -8.1843,
11.7509

■ 225.2770,
-13.4476, 19.9281

Harmonies

Analogous

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



110.2000, 36.3834, -96.6454



128.6170, 34.2058, -51.4071



138.9640, 28.1187, -12.2464

Triad

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



128.6170, 34.2058, -51.4071



140.3870, -10.0508, 50.5266



130.2040, -16.3696, -22.9809

Complementary

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



128.6170, 34.2058, -51.4071



139.3830, -34.2058, 51.4071

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.



134.6220, -26.9286, 3.8395



128.6170, 34.2058, -51.4071



138.8410, -22.1066, 43.9894

Square

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



128.6170, 34.2058, -51.4071



142.1160, 4.3798, 41.9943



137.1950, -29.1831, 27.0160



123.3000, 1.3311, -53.7601

Rectangle

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



128.6170, 34.2058, -51.4071



141.7990, 21.7911, 10.7003



137.1950, -29.1831, 27.0160



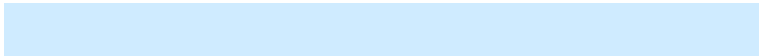
131.8200, -20.6173, -13.8741

Sweetspot

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



128.6170, 34.2058, -51.4071



228.9080, 12.8634, -19.2133



150.9500, -14.7654, -70.9932



111.3990, 8.1843, -11.7509



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.



128.6170, 34.2058, -51.4071



147.3650, 53.0641, -80.1271



92.2230, 52.1481, -19.4896



93.9610, 2.4842, -3.4738



74.9340, 43.4165, -65.7171



16.4310, 9.6475, -14.4100

Inverse Universe

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



116.8220, 13.8918, 71.1931



128.8390, 21.7714, 110.6432



175.7770, -52.1481, 19.4896



93.2610, 0.8573, 5.0331



59.6810, 17.9053, 90.6108



13.1580, 3.8661, 20.0324

Previews

White Background



This preview shows how the YUV color 128.6170, 34.2058, -51.4071 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 128.6170, 34.2058, -51.4071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

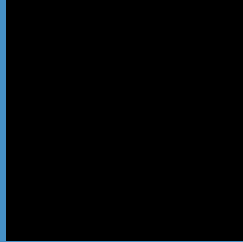
Any Text WCAG AA ✓ Pass

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 128.6170, 34.2058, -51.4071 Background



This preview shows how black text looks on a background with the YUV color 128.6170, 34.2058, -51.4071.

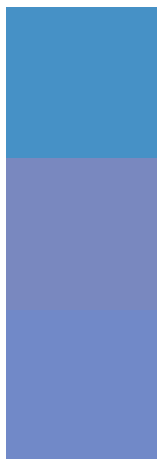


This preview shows how white text looks on a background with the YUV color 128.6170, 34.2058, -51.4071.

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

128.6170, 34.2058, -51.4071

Protanopia

137.7850, 26.2350, -14.7204

Deuteranopia

137.0060, 31.0560, -21.0533



Tritanopia

122.5820, 20.4191, -62.7774

Trichromacy



Original Color

128.6170, 34.2058, -51.4071

Protanomaly

134.2070, 29.4779, -28.2455

Deuteranomaly

133.8690, 32.1096, -32.3341

Tritanomaly

124.8690, 25.2076, -58.6441

Monochromacy



Original Color

128.6170, 34.2058, -51.4071

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0930, 12.2792, -18.4986

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.6170, 34.2058, -51.4071 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(70, 145, 198)` looks like.

```
.text, #text, p{  
    color:rgb(70, 145, 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(70, 145, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 145, 198) }
```

Border

The CSS property to change the border of an element to YUV 128.6170, 34.2058, -51.4071 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(70, 145, 198) }
```


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

```
.border{ border-color:rgb(70, 145, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 145, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 145, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 145, 198);  
box-shadow:4px 4px 4px 4px rgb(70, 145,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 128.6170, 34.2058, -51.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 145, 198) }
```

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

```
.background{ background-color: rgb(70, 145,  
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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