

Converting Colors

YUV(154.8020, 30.1706,
-63.8474)

Have a look what the booklet for
YUV(154.8020, 30.1706, -63.8474)
contains.

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Color

**YUV(154.8020, 30.1706,
-63.8474)**

Conversions

Conversions Part 1

Format	Color
Hex	52B4D8
RGB	82, 180, 216
RGB Percent	32%, 71%, 85%
CMY	0.6784, 0.2941, 0.1529
CMYK	0.62, 0.17, 0.00, 0.15
HSL	196°, 63%, 58%
HSV	196°, 62%, 85%
XYZ	32.1956, 39.3942, 70.8727
YIQ	154.8020, -69.9640, -9.5800

Conversions

Conversions Part 2

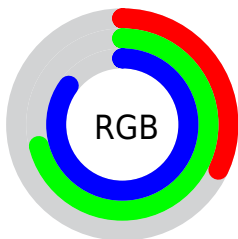
Format	Color
R _Y B	82, 139, 216
Decimal	5420248
CIE Lab	69.04, -17.99, -26.71
CIE LCh	69, 32.208, 236.042
Yxy	39.3942, 0.2260, 0.2765
Android (android.graphics.Color)	4283610328 (0xFF52B4D8)
YUV	154.8020, 30.1706, -63.8474
Hunter-Lab	62.7648, -18.2757, -23.0136

Details

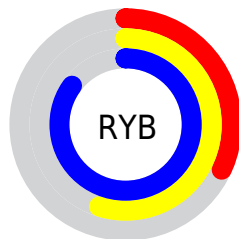
The YUV color **154.8020, 30.1706, -63.8474** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **143.1980, -30.1706, 63.8474**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3590, 22.0080, -59.0738**, and **92.9030, 33.5718, -81.4759** is the 20% darker color. If you saturate the color by 10%, you get **144.7020, 35.1499, -74.2837**, and if you desaturate by 10%, it is **164.9020, 25.1913, -53.4111**.

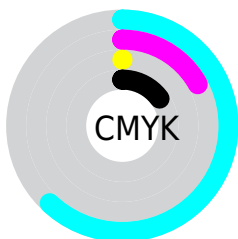
Distribution



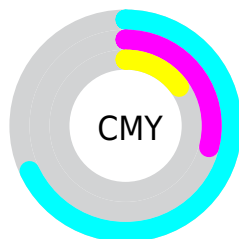
- Red (32%)
- Green (71%)
- Blue (85%)



- Red (32%)
- Yellow (55%)
- Blue (85%)



- Cyan (62%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (68%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8020, 30.1706, -63.8474 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 154.8020, 30.1706, -63.8474 by changing the saturation by 10% instead.

154.8020, 30.1706,
-63.8474

154.8020, 30.1706,
-63.8474

255.0000, 0.0000,
0.0000

125.2960, 30.9131,
-68.6656

210.3590, 22.0080,
-59.0738

92.9030, 33.5718,
-81.4759

230.4820, 12.0874,
-50.4117

75.2640, 29.4498,
-66.0065

239.1530, 7.8126,
-32.5832

58.2120, 25.0385,
-51.0519

248.1230, 3.3904,
-14.1399

41.9750, 21.2113,
-36.8121

26.9120, 16.8054,
-23.6018

6.3210, 16.6037,

-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 154.8020, 30.1706,
-63.8474

■ 154.8020, 30.1706,
-63.8474

■ 144.7020, 35.1499,
-74.2837

■ 164.9020, 25.1913,
-53.4111

■ 134.9010, 39.9818,
-84.1052

■ 174.7030, 20.3594,
-43.5895

■ 125.3880, 44.6717,
-95.0563

■ 184.2160, 15.6695,
-32.6384

■ 117.3700, 48.6246,
-102.9335

■ 194.0170, 10.8376,
-22.8169

■ 204.1170, 5.8583,
-12.3806

■ 214.2170, 0.8790,
-1.9443

■ 224.0180, -3.9529,
7.8772

■ 233.5310, -8.6428,
18.8283

■ 237.0530,
-10.3791, 15.7395

Harmonies

Analogous

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



150.9400, 20.7356, -70.9844



154.8020, 30.1706, -63.8474



163.5050, 30.8100, -35.5229

Triad

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



154.8020, 30.1706, -63.8474



172.5030, 0.7380, 43.4089



163.6860, -24.0022, -1.4786

Complementary

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



154.8020, 30.1706, -63.8474



143.1980, -30.1706, 63.8474

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.



166.8030, -28.0039, 22.0978



154.8020, 30.1706, -63.8474



170.8660, -13.2449, 48.3525

Square

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



154.8020, 30.1706, -63.8474



172.5360, 14.0328, 25.8399



169.0640, -23.6956, 40.2859



159.9090, -12.2801, -27.9842

Rectangle

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



154.8020, 30.1706, -63.8474



168.7250, 27.2506, -13.7908



169.0640, -23.6956, 40.2859



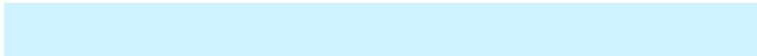
165.4590, -26.3553, 6.6135

Sweetspot

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



154.8020, 30.1706, -63.8474



233.0170, 10.8376, -22.8169



164.7620, -23.0537, -72.5823



114.3340, 6.7373, -14.3249



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.



154.8020, 30.1706, -63.8474



168.5520, 42.6189, -89.9381



115.4730, 49.5598, -29.3558



101.9500, 2.4897, -5.2181



92.8690, 38.5186, -81.4461



23.6860, 9.5218, -20.7726

Inverse Universe

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



133.2380, 23.0537, 72.5823



138.2430, 32.4182, 102.3959



182.5270, -49.5598, 29.3558



100.2010, 1.8729, 5.9627



65.3790, 29.3932, 92.6296



16.5050, 7.6390, 23.2361

Previews

White Background



This preview shows how the YUV color 154.8020, 30.1706, -63.8474 looks on a white background.

Color Contrast Check

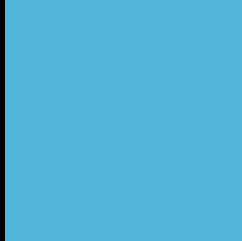
Large Text (above 18pt) WCAG AA × Fail

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 154.8020, 30.1706, -63.8474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

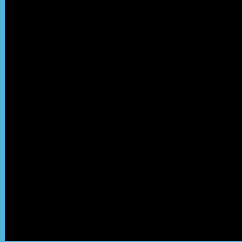
Any Text WCAG AA ✓ Pass

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 154.8020, 30.1706, -63.8474 Background



This preview shows how black text looks on a background with the YUV color 154.8020, 30.1706, -63.8474.

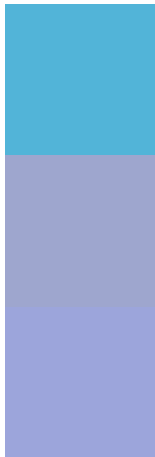


This preview shows how white text looks on a background with the YUV color 154.8020, 30.1706, -63.8474.

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

154.8020, 30.1706, -63.8474

Protanopia

168.1680, 18.6512, -8.9173

Deuteranopia

168.4650, 24.9138, -10.9318



Tritanopia

151.8200, 22.7667, -69.1251

Trichromacy



Original Color

154.8020, 30.1706, -63.8474

Protanomaly

163.1870, 23.0788, -29.1050

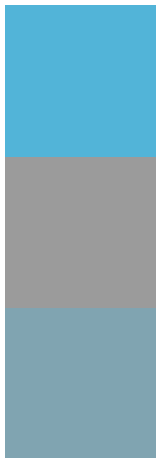
Deuteranomaly

163.2130, 27.0100, -30.0048

Tritanomaly

152.9280, 25.6715, -67.4659

Monochromacy



Original Color

154.8020, 30.1706, -63.8474

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.7180, 10.9850, -23.4317

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8020, 30.1706, -63.8474 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(82, 180, 216)` looks like.

```
.text, #text, p{  
    color:rgb(82, 180, 216)  
}
```

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(82, 180, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 180, 216) }
```

Border

The CSS property to change the border of an element to YUV 154.8020, 30.1706, -63.8474 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(82, 180, 216) }
```


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

```
.border{ border-color:rgb(82, 180, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 180, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 180, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 180, 216);  
box-shadow:4px 4px 4px 4px rgb(82, 180,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 154.8020, 30.1706, -63.8474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 180, 216) }
```

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

```
.background{ background-color: rgb(82, 180,  
216) }
```

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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