

Converting Colors

YUV(160.0720, 20.6705,
-50.0521)

Have a look what the booklet for
YUV(160.0720, 20.6705, -50.0521)
contains.

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Color

**YUV(160.0720, 20.6705,
-50.0521)**

Conversions

Conversions Part 1

Format	Color
Hex	67B5CA
RGB	103, 181, 202
RGB Percent	40%, 71%, 79%
CMY	0.5961, 0.2902, 0.2078
CMYK	0.49, 0.10, 0.00, 0.21
HSL	193°, 48%, 60%
HSV	193°, 49%, 79%
XYZ	32.7781, 40.1956, 61.9081
YIQ	160.0720, -53.2290, -10.0050

Conversions

Conversions Part 2

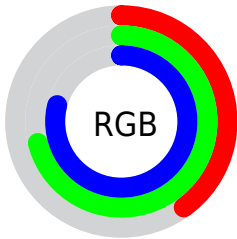
Format	Color
RYB	103, 147, 202
Decimal	6796746
CIELab	69.61, -18.37, -18.09
CIElCh	70, 25.780, 224.555
Yxy	40.1956, 0.2430, 0.2980
Android (android.graphics.Color)	4284986826 (0xFF67B5CA)
YUV	160.0720, 20.6705, -50.0521
Hunter-Lab	63.4000, -18.6647, -13.5148

Details

The YUV color **160.0720, 20.6705, -50.0521** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **144.9280, -20.6705, 50.0521**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.0290, 19.2127, -49.1374**, and **104.8650, 21.2656, -54.2556** is the 20% darker color. If you saturate the color by 10%, you get **151.7440, 24.7762, -60.2885**, and if you desaturate by 10%, it is **168.4000, 16.5648, -39.8158**.

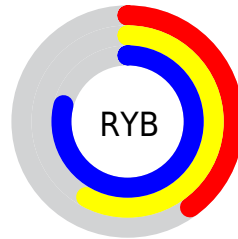
Distribution



Red (40%)

Green (71%)

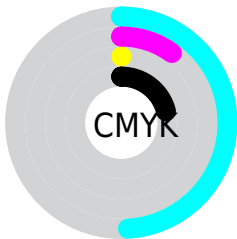
Blue (79%)



Red (40%)

Yellow (58%)

Blue (79%)

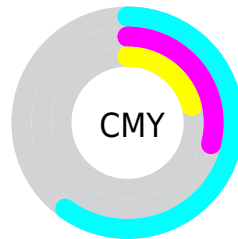


Cyan (49%)

Magenta (10%)

Yellow (0%)

Black (21%)



Cyan (60%)

Magenta (29%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.0720, 20.6705, -50.0521 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 160.0720, 20.6705, -50.0521 by changing the saturation by 10% instead.

■ 160.0720, 20.6705,
-50.0521

■ 160.0720, 20.6705,
-50.0521

■ 255.0000, 0.0000,
0.0000

■ 132.4740, 20.9653,
-51.2817

■ 216.0290, 19.2127,
-49.1374

■ 104.8650, 21.2656,
-54.2556

■ 234.9670, 9.8763,
-41.1901

■ 74.3690, 23.4821,
-65.2216

■ 243.6380, 5.6015,
-23.3615

■ 57.4310, 19.5075,
-50.3670

■ 252.6080, 1.1793,
-4.9182

■ 41.1940, 15.6804,
-36.1271

■ 25.7720, 12.4374,
-22.6020

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 160.0720, 20.6705,
-50.0521

■ 160.0720, 20.6705,
-50.0521

■ 151.7440, 24.7762,
-60.2885

■ 168.4000, 16.5648,
-39.8158

■ 142.8290, 29.1713,
-70.0100

■ 177.3150, 12.1697,
-30.0943

■ 134.2020, 33.4244,
-80.8612

■ 185.9420, 7.9166,
-19.2431

■ 125.8740, 37.5301,
-91.0975

■ 194.2700, 3.8109,
-9.0068

■ 117.5460, 41.6358,
-101.3338

■ 202.5980, -0.2948,
1.2296

■ 116.3610, 42.2200,
-102.0486

■ 211.5130, -4.6899,
10.9511

■ 219.8410, -8.7956,
21.1874

■ 225.4780,
-11.5747, 25.8908

■ 228.4130,
-13.0216, 23.3168

Harmonies

Analogous

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



159.1510, 10.7716, -48.3674



160.0720, 20.6705, -50.0521



165.0830, 24.1161, -35.1528

Triad

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



160.0720, 20.6705, -50.0521



173.7510, 4.5598, 30.9134



167.5390, -20.9717, 6.5433

Complementary

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



160.0720, 20.6705, -50.0521



144.9280, -20.6705, 50.0521

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.



169.7200, -22.0470, 24.8016



160.0720, 20.6705, -50.0521



173.1190, -6.9607, 39.3606

Square

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



160.0720, 20.6705, -50.0521



173.2740, 14.6549, 12.9147



171.5780, -16.5540, 36.3271



164.5410, -14.0707, -13.6295

Rectangle

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



160.0720, 20.6705, -50.0521



168.6550, 23.3411, -19.8684



171.5780, -16.5540, 36.3271



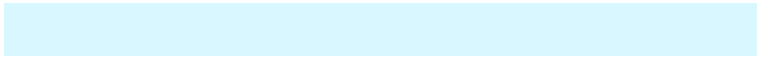
168.8280, -22.5932, 13.3058

Sweetspot

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



160.0720, 20.6705, -50.0521



238.9420, 7.9166, -19.2431



163.3930, -19.9137, -52.9647



118.1880, 4.8373, -11.5659



0.0000, 0.0000, 0.0000



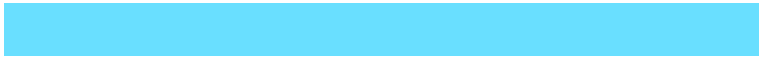
128.0000, 0.0000, 0.0000

Same Dimension

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



160.0720, 20.6705, -50.0521



191.3660, 31.3716, -75.7430



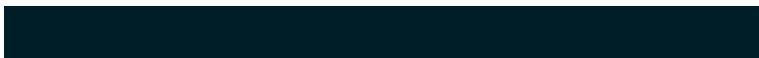
131.8960, 34.5613, -25.3418



97.8360, 2.0529, -5.1182



95.8210, 34.5982, -84.0350



21.9420, 7.9166, -19.2431

Inverse Universe

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



141.4930, 19.4770, 53.0646



163.3020, 29.4311, 80.4191



173.1040, -34.5613, 25.3418



95.9020, 2.0203, 5.3479



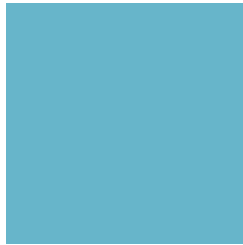
64.5680, 32.7510, 88.9559



14.7820, 7.5025, 20.3622

Previews

White Background



This preview shows how the YUV color 160.0720, 20.6705, -50.0521 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 160.0720, 20.6705, -50.0521 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

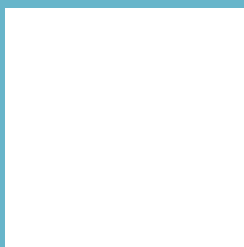
Any Text WCAG AAA ✓ Pass

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

YUV 160.0720, 20.6705, -50.0521 Background



This preview shows how black text looks on a background with the YUV color 160.0720, 20.6705, -50.0521.



This preview shows how white text looks on a background with the YUV color 160.0720, 20.6705, -50.0521.

-50.0521.

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

160.0720, 20.6705, -50.0521

Protanopia

169.9530, 11.3622, -4.3438

Deuteranopia

170.4570, 17.0297, -2.1548



Tritanopia

159.4910, 18.4919, -51.2966

Trichromacy



Original Color

160.0720, 20.6705, -50.0521

Protanomaly

166.3530, 14.6160, -21.3576

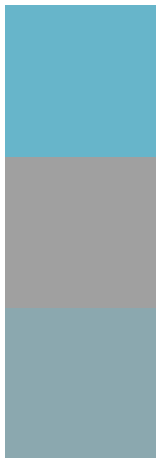
Deuteranomaly

166.6890, 18.3943, -19.8983

Tritanomaly

160.0180, 19.2181, -50.8818

Monochromacy



Original Color

160.0720, 20.6705, -50.0521

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.1270, 7.3324, -18.5284

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.0720, 20.6705, -50.0521 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(103, 181, 202)` looks like.

```
.text, #text, p{  
    color:rgb(103, 181, 202)  
}
```

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(103, 181, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 181, 202) }
```

Border

The CSS property to change the border of an element to YUV 160.0720, 20.6705, -50.0521 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(103, 181, 202) }
```


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

```
.border{ border-color:rgb(103, 181, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 181, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 181, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 181, 202);  
box-shadow:4px 4px 4px 4px rgb(103, 181,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 160.0720, 20.6705, -50.0521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 181, 202) }
```

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

```
.background{ background-color: rgb(103,  
181, 202) }
```

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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