

Converting Colors

YUV(166.7560, 23.2913,
-50.6520)

Have a look what the booklet for
YUV(166.7560, 23.2913, -50.6520)
contains.

YUV(166.7560, 23.2913, -50.6520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(166.7560, 23.2913,
-50.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	6DBBD6
RGB	109, 187, 214
RGB Percent	43%, 73%, 84%
CMY	0.5725, 0.2667, 0.1608
CMYK	0.49, 0.13, 0.00, 0.16
HSL	195°, 56%, 63%
HSV	195°, 49%, 84%
XYZ	36.2146, 43.6469, 70.1343
YIQ	166.7560, -55.1550, -8.1390

Conversions

Conversions Part 2

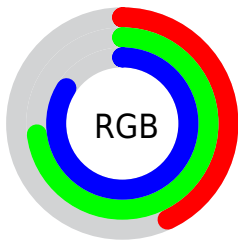
Format	Color
R _{YB}	109, 154, 214
Decimal	7191510
CIE Lab	71.99, -16.79, -21.01
CIE LCh	72, 26.901, 231.369
Yxy	43.6469, 0.2414, 0.2910
Android (android.graphics.Color)	4285381590 (0xFF6DBBD6)
YUV	166.7560, 23.2913, -50.6520
Hunter-Lab	66.0658, -17.7687, -16.6952

Details

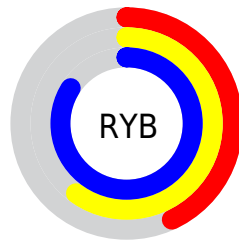
The YUV color **166.7560, 23.2913, -50.6520** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **156.2440, -23.2913, 50.6520**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.3450, 16.5919, -48.5376**, and **111.4350, 23.4495, -54.7555** is the 20% darker color. If you saturate the color by 10%, you get **156.9550, 28.1232, -60.4735**, and if you desaturate by 10%, it is **176.5570, 18.4594, -40.8305**.

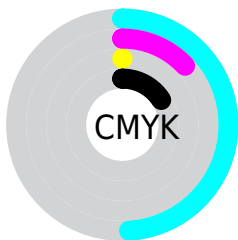
Distribution



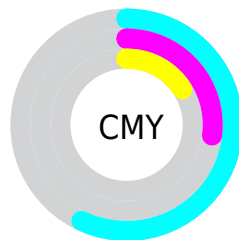
- Red (43%)
- Green (73%)
- Blue (84%)



- Red (43%)
- Yellow (60%)
- Blue (84%)



- Cyan (49%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (57%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.7560, 23.2913, -50.6520 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 166.7560, 23.2913, -50.6520 by changing the saturation by 10% instead.

■ 166.7560, 23.2913,
-50.6520

■ 166.7560, 23.2913,
-50.6520

255.0000, 0.0000,
0.0000

■ 139.0440, 23.1493,
-51.7816

■ 221.3450, 16.5919,
-48.5376

■ 111.4350, 23.4495,
-54.7555

■ 237.0600, 8.8444,
-36.8866

■ 78.5580, 26.8399,
-68.8954

■ 245.7310, 4.5696,
-19.0581

■ 61.6200, 22.8653,
-54.0407

254.7010, 0.1474,
-0.6148

■ 45.2690, 18.6014,
-39.7009

■ 29.7330, 14.9216,
-26.0758

■ 13.1370, 12.2575,

-11.5211

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 166.7560, 23.2913,
-50.6520

■ 166.7560, 23.2913,
-50.6520

■ 156.9550, 28.1232,
-60.4735

■ 176.5570, 18.4594,
-40.8305

■ 147.4420, 32.8131,
-71.4246

■ 186.0700, 13.7695,
-29.8794

■ 137.6410, 37.6450,
-81.2462

■ 195.8710, 8.9376,
-20.0579

■ 128.1280, 42.3349,
-92.1973

■ 205.3840, 4.2477,
-9.1068

■ 118.3270, 47.1668,
-102.0188

■ 215.1850, -0.5842,
0.7148

■ 117.7290, 47.4616,
-103.2483

■ 224.3990, -5.1267,
11.0511

■ 233.3030, -9.5164,
19.0283

■ 236.2380,
-10.9633, 16.4543

■ 239.7600,
-12.6997, 13.3655

Harmonies

Analogous

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



164.6280, 13.9874, -53.1708



166.7560, 23.2913, -50.6520



172.4470, 25.4156, -31.9640

Triad

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



166.7560, 23.2913, -50.6520



180.5020, 2.2175, 35.5167



173.1040, -21.2503, 2.5398

Complementary

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



166.7560, 23.2913, -50.6520



156.2440, -23.2913, 50.6520

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.



175.6550, -23.4939, 22.2276



166.7560, 23.2913, -50.6520



179.1470, -9.4395, 41.0901

Square

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



166.7560, 23.2913, -50.6520



179.9650, 13.3283, 18.4477



177.5950, -19.0273, 36.3122



169.9640, -12.3073, -19.2624

Rectangle

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



166.7560, 23.2913, -50.6520



176.3890, 23.4722, -15.2502



177.5950, -19.0273, 36.3122



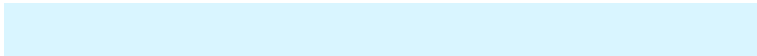
174.3930, -22.8717, 9.3023

Sweetspot

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



166.7560, 23.2913, -50.6520



237.7680, 8.4954, -18.2135



173.5990, -19.0293, -56.6533



117.6010, 5.1267, -11.0511



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.



166.7560, 23.2913, -50.6520



187.2570, 33.3973, -72.1394



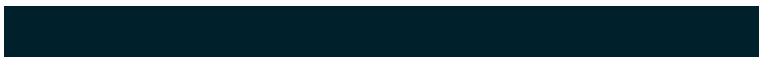
136.2320, 38.3396, -23.8825



101.9500, 2.4897, -5.2181



94.0430, 37.9398, -82.4757



23.6860, 9.5218, -20.7726

Inverse Universe

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



149.2870, 18.5925, 56.7533



162.5040, 26.3735, 81.1190



186.7680, -38.3396, 23.8825



100.2010, 1.8729, 5.9627



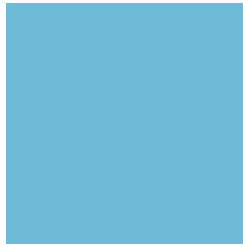
65.6070, 30.2667, 92.4297



16.5050, 7.6390, 23.2361

Previews

White Background



This preview shows how the YUV color 166.7560, 23.2913, -50.6520 looks on a white background.

Color Contrast Check

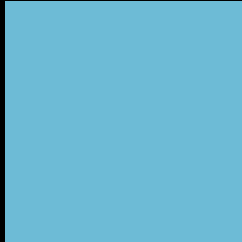
Large Text (above 18pt) WCAG AA × Fail

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 166.7560, 23.2913, -50.6520 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 166.7560, 23.2913, -50.6520 Background



This preview shows how black text looks on a background with the YUV color 166.7560, 23.2913, -50.6520.



This preview shows how white text looks on a background with the YUV color 166.7560, 23.2913, -50.6520.

-50.6520.

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

166.7560, 23.2913, -50.6520

Protanopia

176.3380, 14.1304, -5.5584

Deuteranopia

176.8310, 19.8033, -5.1138



Tritanopia

165.8930, 18.7868, -52.5262

Trichromacy



Original Color

166.7560, 23.2913, -50.6520

Protanomaly

173.0370, 17.2368, -21.9574

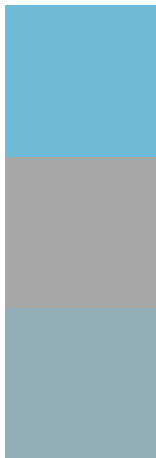
Deuteranomaly

172.7750, 21.3099, -21.7277

Tritanomaly

166.0610, 20.6759, -51.7965

Monochromacy



Original Color

166.7560, 23.2913, -50.6520

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.7680, 8.4954, -18.2135

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.7560, 23.2913, -50.6520 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(109, 187, 214)` looks like.

```
.text, #text, p{  
    color:rgb(109, 187, 214)  
}
```

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(109, 187, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 187, 214) }
```

Border

The CSS property to change the border of an element to YUV 166.7560, 23.2913, -50.6520 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

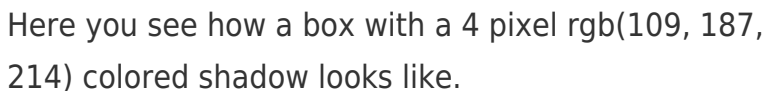
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 187, 214) }
```


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

```
.border{ border-color:rgb(109, 187, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 187, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 187, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 187, 214); box-shadow:4px 4px 4px 4px rgb(109, 187, 214) }
```

Background

The CSS property to change the background color of an element to YUV 166.7560, 23.2913, -50.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 187, 214) }
```

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

```
.background{ background-color: rgb(109,  
187, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor