

Converting Colors

YUV(186.2110, 23.0670,
-72.0990)

Have a look what the booklet for
YUV(186.2110, 23.0670, -72.0990)
contains.

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Color

**YUV(186.2110, 23.0670,
-72.0990)**

Conversions

Conversions Part 1

Format	Color
Hex	68DBE9
RGB	104, 219, 233
RGB Percent	41%, 86%, 91%
CMY	0.5922, 0.1412, 0.0863
CMYK	0.55, 0.06, 0.00, 0.09
HSL	187°, 75%, 66%
HSV	187°, 55%, 91%
XYZ	45.7484, 59.4893, 86.1622
YIQ	186.2110, -73.0340, -20.0260

Conversions

Conversions Part 2

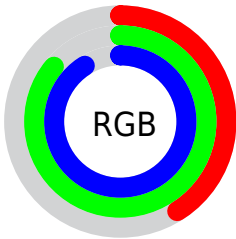
Format	Color
RYB	104, 165, 233
Decimal	6872041
CIELab	81.56, -28.67, -16.78
CIELCh	82, 33.221, 210.345
Yxy	59.4893, 0.2390, 0.3108
Android (android.graphics.Color)	4285062121 (0xFF68DBE9)
YUV	186.2110, 23.0670, -72.0990
Hunter-Lab	77.1293, -29.1009, -12.2432

Details

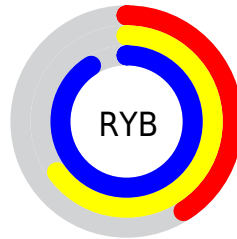
The YUV color **186.2110, 23.0670, -72.0990** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **150.7890, -23.0670, 72.0990**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0900, 13.2666, -55.3299**, and **125.4160, 25.4309, -83.6798** is the 20% darker color. If you saturate the color by 10%, you get **177.5730, 27.3255, -84.6945**, and if you desaturate by 10%, it is **194.8490, 18.8084, -59.5036**.

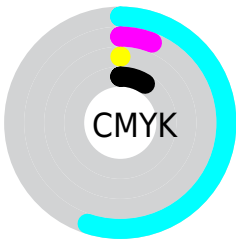
Distribution



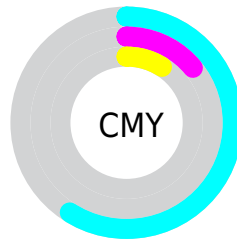
- Red (41%)
- Green (86%)
- Blue (91%)



- Red (41%)
- Yellow (65%)
- Blue (91%)



- Cyan (55%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (59%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.2110, 23.0670, -72.0990 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 186.2110, 23.0670, -72.0990 by changing the saturation by 10% instead.

186.2110, 23.0670,
-72.0990

186.2110, 23.0670,
-72.0990

255.0000, 0.0000,
0.0000

156.7160, 23.8040,
-75.1729

228.0900, 13.2666,
-55.3299

125.4160, 25.4309,
-83.6798

237.0600, 8.8444,
-36.8866

97.6330, 26.3099,
-85.6241

246.0300, 4.4222,
-18.4433

79.4070, 22.4773,
-69.6399

62.4690, 18.5028,
-54.7853

45.6450, 14.9650,
-40.0307

29.5220, 11.5747,

-25.8908

■ 10.6920, 10.5048,
-9.3769

■ 0.5700, 2.1840,
-0.4999

■ 186.2110, 23.0670,
-72.0990

■ 186.2110, 23.0670,
-72.0990

■ 177.5730, 27.3255,
-84.6945

■ 194.8490, 18.8084,
-59.5036

■ 169.2230, 31.4421,
-98.4196

■ 203.1990, 14.6919,
-45.7785

■ 160.5850, 35.7006,
-111.0150

■ 211.8370, 10.4334,
-33.1830

■ 152.5340, 39.6697,
-124.1253

■ 219.8880, 6.4642,
-20.0728

■ 148.6580, 41.5806,
-130.3731

■ 228.8250, 2.0583,
-6.8625

■ 236.8760, -1.9109,
6.2477

■ 241.9260, -4.4005,
11.4659

■ 243.1000, -4.9793,
10.4363

■ 244.8610, -5.8475,
8.8919

Harmonies

Analogous

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



188.3470, 6.7309, -59.0633



186.2110, 23.0670, -72.0990



190.8670, 31.6176, -61.2734

Triad

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



186.2110, 23.0670, -72.0990



207.9280, 12.8535, 30.7581



200.9230, -30.0350, 20.2385

Complementary

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



186.2110, 23.0670, -72.0990



150.7890, -23.0670, 72.0990

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.



203.3800, -26.3163, 40.8857



186.2110, 23.0670, -72.0990



205.0470, -1.0092, 43.8088

Square

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



186.2110, 23.0670, -72.0990



205.7270, 24.2916, 1.9934



202.8010, -14.6919, 45.7785



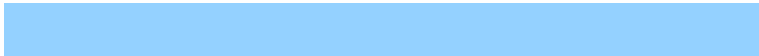
197.2510, -24.2807, -5.4821

Rectangle

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



186.2110, 23.0670, -72.0990



196.0050, 29.0845, -42.1004



202.8010, -14.6919, 45.7785



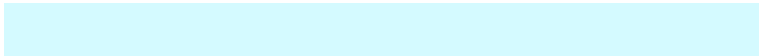
201.7930, -29.4779, 28.2455

Sweetspot

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



186.2110, 23.0670, -72.0990



239.2080, 7.7855, -23.8614



181.2050, -31.6531, -67.7088



118.4650, 4.7008, -14.4398



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.



186.2110, 23.0670, -72.0990



194.2020, 29.9734, -94.0162



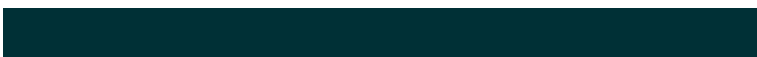
149.2300, 41.2986, -39.6667



113.1240, 1.9109, -6.2477



115.1410, 32.4685, -100.9787



34.3320, 9.6963, -30.1092

Inverse Universe

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



155.6810, 31.2163, 67.8088



154.3320, 40.7553, 88.2858



187.7700, -41.2986, 39.6667



110.4290, 2.7465, 5.7628



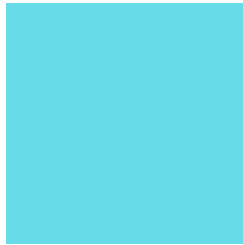
72.4730, 43.6438, 95.1782



21.6180, 13.0063, 28.3990

Previews

White Background



This preview shows how the YUV color 186.2110, 23.0670, -72.0990 looks on a white background.

Color Contrast Check

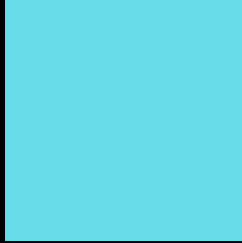
Large Text (above 18pt) WCAG AA × Fail

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 186.2110, 23.0670, -72.0990 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 186.2110, 23.0670, -72.0990 Background



This preview shows how black text looks on a background with the YUV color 186.2110, 23.0670, -72.0990.



This preview shows how white text looks on a background with the YUV color 186.2110, 23.0670, -72.0990.

-72.0990.

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

186.2110, 23.0670, -72.0990

Protanopia

202.0950, 9.3202, -2.7143

Deuteranopia

203.4680, 17.0243, -0.4104



Tritanopia

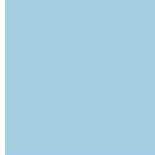
186.2650, 24.5194, -71.2694

Trichromacy



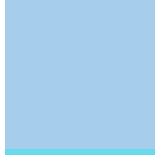
Original Color

186.2110, 23.0670, -72.0990



Protanomaly

196.1950, 14.2009, -28.2350



Deuteranomaly

197.1720, 19.1422, -26.4608



Tritanomaly

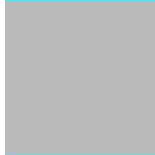
186.1510, 24.0826, -71.1694

Monochromacy



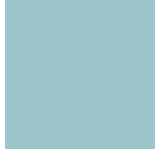
Original Color

186.2110, 23.0670, -72.0990



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.0120, 8.3751, -26.3205

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2110, 23.0670, -72.0990 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(104, 219, 233)` looks like.

```
.text, #text, p{  
    color:rgb(104, 219, 233)  
}
```

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(104, 219, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 219, 233) }
```

Border

The CSS property to change the border of an element to YUV 186.2110, 23.0670, -72.0990 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(104, 219, 233) }
```


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

```
.border{ border-color:rgb(104, 219, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 219, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 219, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 219, 233);  
box-shadow:4px 4px 4px 4px rgb(104, 219,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 186.2110, 23.0670, -72.0990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 219, 233) }
```

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

```
.background{ background-color: rgb(104,  
219, 233) }
```

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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