

Converting Colors

YUV(184.5270, 23.8972,
-58.3442)

Have a look what the booklet for
YUV(184.5270, 23.8972, -58.3442)
contains.

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Color

**YUV(184.5270, 23.8972,
-58.3442)**

Conversions

Conversions Part 1

Format	Color
Hex	76D1E9
RGB	118, 209, 233
RGB Percent	46%, 82%, 91%
CMY	0.5373, 0.1804, 0.0863
CMYK	0.49, 0.10, 0.00, 0.09
HSL	193°, 72%, 69%
HSV	193°, 49%, 91%
XYZ	44.9797, 55.3357, 85.4010
YIQ	184.5270, -61.9400, -11.8280

Conversions

Conversions Part 2

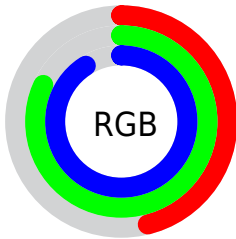
Format	Color
R _Y B	118, 169, 233
Decimal	7786985
CIE Lab	79.23, -20.85, -20.25
CIE LCh	79, 29.065, 224.155
Yxy	55.3357, 0.2422, 0.2980
Android (android.graphics.Color)	4285977065 (0xFF76D1E9)
YUV	184.5270, 23.8972, -58.3442
Hunter-Lab	74.3880, -22.2465, -15.9962

Details

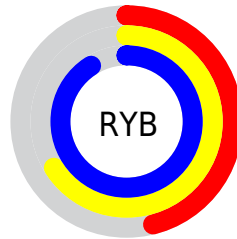
The YUV color **184.5270, 23.8972, -58.3442** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **166.4730, -23.8972, 58.3442**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.3790, 11.6452, -48.5674**, and **127.3200, 24.4922, -62.5476** is the 20% darker color. If you saturate the color by 10%, you get **174.7150, 28.7345, -69.9101**, and if you desaturate by 10%, it is **194.3390, 19.0599, -46.7783**.

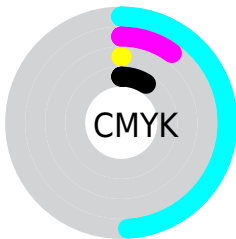
Distribution



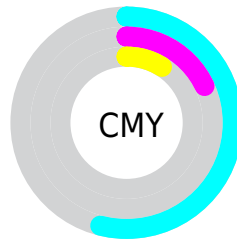
- Red (46%)
- Green (82%)
- Blue (91%)



- Red (46%)
- Yellow (66%)
- Blue (91%)



- Cyan (49%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (54%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.5270, 23.8972, -58.3442 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 184.5270, 23.8972, -58.3442 by changing the saturation by 10% instead.

■ 184.5270, 23.8972,
-58.3442

■ 184.5270, 23.8972,
-58.3442

255.0000, 0.0000,
0.0000

■ 155.9290, 24.1920,
-59.5737

■ 231.3790, 11.6452,
-48.5674

■ 127.3200, 24.4922,
-62.5476

■ 240.3490, 7.2229,
-30.1241

■ 95.0410, 27.5878,
-75.4580

■ 249.3190, 2.8007,
-11.6808

■ 74.7110, 24.7925,
-65.5215

■ 57.7730, 20.8179,
-50.6669

■ 41.5360, 16.9908,
-36.4271

■ 26.0000, 13.3110,

-22.8020

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 184.5270, 23.8972,
-58.3442

■ 184.5270, 23.8972,
-58.3442

■ 174.7150, 28.7345,
-69.9101

■ 194.3390, 19.0599,
-46.7783

■ 164.6040, 33.7192,
-82.0907

■ 204.4500, 14.0751,
-34.5977

■ 154.7920, 38.5565,
-93.6566

■ 214.2620, 9.2378,
-23.0318

■ 145.5670, 43.1045,
-105.7373

■ 223.4870, 4.6899,
-10.9511

■ 135.7550, 47.9418,
-117.3031

■ 233.5980, -0.2948,
1.2296

■ 134.5700, 48.5260,
-118.0179

■ 242.5130, -4.6899,
10.9511

■ 245.4480, -6.1369,
8.3771

■ 248.3830, -7.5838,
5.8031

■ 251.3180, -9.0308,
3.2291

Harmonies

Analogous

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



183.1500, 12.2511, -56.2595



184.5270, 23.8972, -58.3442



190.1900, 28.5003, -41.3856

Triad

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



184.5270, 23.8972, -58.3442



200.7130, 5.5645, 35.3317



193.9260, -24.6135, 7.9579

Complementary

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



184.5270, 23.8972, -58.3442



166.4730, -23.8972, 58.3442

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.



196.5310, -25.4048, 28.4753



184.5270, 23.8972, -58.3442



199.9240, -7.8505, 44.7937

Square

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



184.5270, 23.8972, -58.3442



199.9690, 17.2703, 14.0592



198.0410, -18.7542, 42.0600



190.2480, -16.3913, -16.0035

Rectangle

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



184.5270, 23.8972, -58.3442



194.3710, 27.4251, -23.1274



198.0410, -18.7542, 42.0600



194.6280, -25.9456, 15.2352

Sweetspot

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



184.5270, 23.8972, -58.3442



238.9420, 7.9166, -19.2431



188.1270, -23.2336, -61.5014



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.



184.5270, 23.8972, -58.3442



191.9530, 31.0822, -76.2578



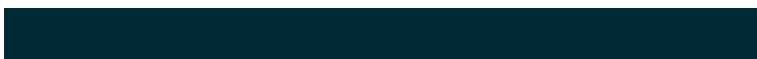
151.0680, 40.3925, -29.0006



112.5370, 2.2003, -5.7329



104.5750, 37.6775, -91.7123



30.8100, 11.4327, -27.0204

Inverse Universe

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



162.7590, 22.7968, 61.6014



163.4160, 29.8679, 80.3192



199.9320, -40.3925, 29.0006



110.3150, 2.3097, 5.8627



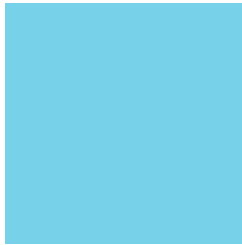
70.4210, 35.7814, 96.9778



20.9340, 10.3855, 28.9989

Previews

White Background



This preview shows how the YUV color 184.5270, 23.8972, -58.3442 looks on a white background.

Color Contrast Check

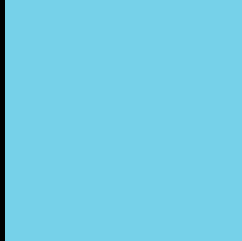
Large Text (above 18pt) WCAG AA × Fail

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 184.5270, 23.8972, -58.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

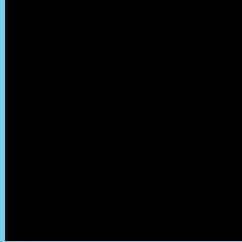
Any Text WCAG AA ✓ Pass

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 184.5270, 23.8972, -58.3442 Background



This preview shows how black text looks on a background with the YUV color 184.5270, 23.8972, -58.3442.



This preview shows how white text looks on a background with the YUV color 184.5270, 23.8972, -58.3442.

-58.3442.

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

184.5270, 23.8972, -58.3442

Protanopia

196.1100, 13.2568, -5.3585

Deuteranopia

196.8420, 19.7979, -3.3694



Tritanopia

183.8320, 21.2818, -59.4887

Trichromacy



Original Color

184.5270, 23.8972, -58.3442

Protanomaly

191.7270, 17.3896, -24.3166

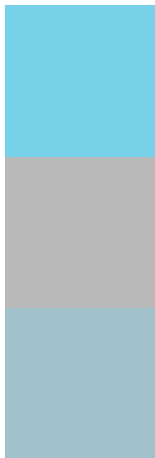
Deuteranomaly

192.7640, 21.3153, -23.4720

Tritanomaly

184.3590, 22.0080, -59.0738

Monochromacy



Original Color

184.5270, 23.8972, -58.3442

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.0450, 8.3588, -21.0875

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.5270, 23.8972, -58.3442 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(118, 209, 233)` looks like.

```
.text, #text, p{  
    color:rgb(118, 209, 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(118, 209, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 209, 233) }
```

Border

The CSS property to change the border of an element to YUV 184.5270, 23.8972, -58.3442 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(118, 209, 233) }
```


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

```
.border{ border-color:rgb(118, 209, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 209, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 209, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 209, 233); box-shadow:4px 4px 4px 4px rgb(118, 209, 233) }
```

Background

The CSS property to change the background color of an element to YUV 184.5270, 23.8972, -58.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 209, 233) }
```

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

```
.background{ background-color: rgb(118,  
209, 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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