

Converting Colors

YUV(181.2450, 21.5712,
-58.9739)

Have a look what the booklet for
YUV(181.2450, 21.5712, -58.9739)
contains.

YUV(181.2450, 21.5712, -58.9739)	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(181.2450, 21.5712,
-58.9739)**

Conversions

Conversions Part 1

Format	Color
Hex	72CFE1
RGB	114, 207, 225
RGB Percent	45%, 81%, 88%
CMY	0.5529, 0.1882, 0.1176
CMYK	0.49, 0.08, 0.00, 0.12
HSL	190°, 65%, 66%
HSV	190°, 49%, 88%
XYZ	42.8429, 53.6393, 79.3295
YIQ	181.2450, -61.2060, -14.1180

Conversions

Conversions Part 2

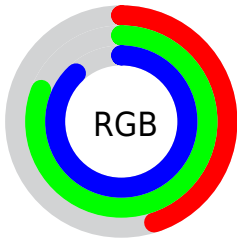
Format	Color
RYB	114, 165, 225
Decimal	7524321
CIELab	78.25, -22.89, -17.46
CIElCh	78, 28.787, 217.347
Yxy	53.6393, 0.2437, 0.3051
Android (android.graphics.Color)	4285714401 (0xFF72CFE1)
YUV	181.2450, 21.5712, -58.9739
Hunter-Lab	73.2389, -23.7500, -12.9535

Details

The YUV color **181.2450, 21.5712, -58.9739** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **157.7550, -21.5712, 58.9739**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1830, 12.2348, -51.0265**, and **124.1520, 22.6031, -63.2773** is the 20% darker color. If you saturate the color by 10%, you get **172.3190, 25.9717, -70.4398**, and if you desaturate by 10%, it is **190.4700, 17.0233, -46.8932**.

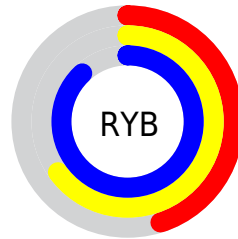
Distribution



Red (45%)

Green (81%)

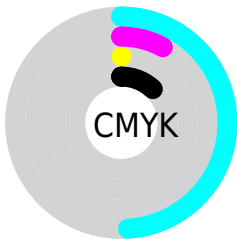
Blue (88%)



Red (45%)

Yellow (65%)

Blue (88%)

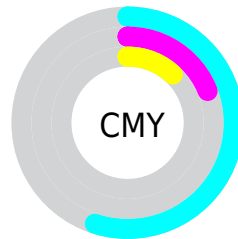


Cyan (49%)

Magenta (8%)

Yellow (0%)

Black (12%)



Cyan (55%)

Magenta (19%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.2450, 21.5712, -58.9739 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 181.2450, 21.5712, -58.9739 by changing the saturation by 10% instead.

■ 181.2450, 21.5712,
-58.9739

■ 181.2450, 21.5712,
-58.9739

255.0000, 0.0000,
0.0000

■ 152.6470, 21.8660,
-60.2034

■ 230.1830, 12.2348,
-51.0265

■ 124.1520, 22.6031,
-63.2773

■ 238.8540, 7.9600,
-33.1980

■ 90.2640, 25.9988,
-79.1615

■ 247.8240, 3.5378,
-14.7546

■ 72.7390, 22.3137,
-63.7921

■ 55.8010, 18.3391,
-48.9375

■ 39.5640, 14.5119,
-34.6976

■ 24.7290, 10.9796,

-21.6873

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 181.2450, 21.5712,
-58.9739

■ 181.2450, 21.5712,
-58.9739

■ 172.3190, 25.9717,
-70.4398

■ 190.4700, 17.0233,
-46.8932

■ 163.6810, 30.2303,
-83.0352

■ 198.8090, 12.9122,
-34.9125

■ 154.7550, 34.6308,
-94.5011

■ 208.0340, 8.3642,
-22.8318

■ 145.5300, 39.1787,
-106.5818

■ 216.9600, 3.9637,
-11.3659

■ 137.1910, 43.2898,
-118.5625

■ 225.5980, -0.2948,
1.2296

■ 136.5930, 43.5847,
-119.7921

■ 234.5240, -4.6953,
12.6955

■ 238.6660, -6.7373,
14.3249

■ 240.4270, -7.6055,
12.7805

■ 242.7750, -8.7631,
10.7213

Harmonies

Analogous

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



181.5480, 8.6038, -53.1006



181.2450, 21.5712, -58.9739



186.2280, 27.4956, -45.8040

Triad

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



181.2450, 21.5712, -58.9739



198.0760, 8.3435, 30.6283



191.4320, -25.3560, 12.7761

Complementary

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



181.2450, 21.5712, -58.9739



157.7550, -21.5712, 58.9739

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.



194.1940, -24.2526, 32.2789



181.2450, 21.5712, -58.9739



197.4230, -4.6455, 43.4790

Square

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



181.2450, 21.5712, -58.9739



196.5060, 19.4705, 8.3262



195.6220, -16.5756, 43.3045



188.5970, -19.0283, -10.1706

Rectangle

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



181.2450, 21.5712, -58.9739



190.6260, 27.2994, -29.4900



195.6220, -16.5756, 43.3045



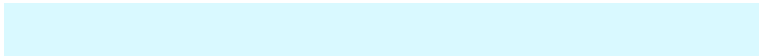
192.3620, -25.8145, 19.8535

Sweetspot

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



181.2450, 21.5712, -58.9739



240.1160, 7.3378, -20.2727



181.0950, -24.6968, -58.8423



118.7750, 4.5479, -12.0807



0.0000, 0.0000, 0.0000



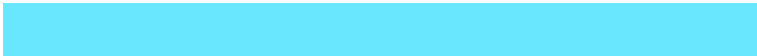
128.0000, 0.0000, 0.0000

Same Dimension

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



181.2450, 21.5712, -58.9739



196.0620, 29.0564, -79.8614



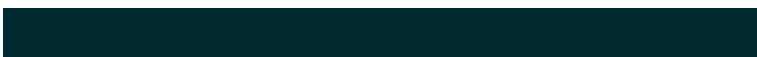
149.5470, 37.1983, -31.1747



107.5370, 2.2003, -5.7329



106.3530, 34.3360, -93.2716



29.5390, 9.1013, -25.9057

Inverse Universe

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



157.7910, 24.2600, 58.9423



164.2140, 32.9255, 79.6193



189.4530, -37.1983, 31.1747



105.3150, 2.3097, 5.8627



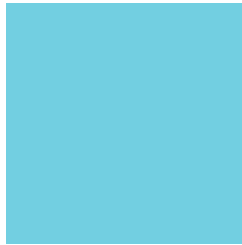
69.3820, 38.2657, 93.5040



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 181.2450, 21.5712, -58.9739 looks on a white background.

Color Contrast Check

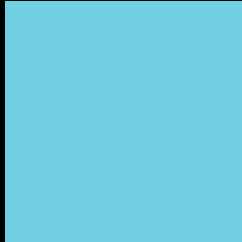
Large Text (above 18pt) WCAG AA × Fail

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 181.2450, 21.5712, -58.9739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

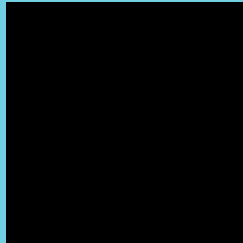
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.2450, 21.5712, -58.9739

Background



This preview shows how black text looks on a background with the YUV color 181.2450, 21.5712, -58.9739.



This preview shows how white text looks on a background with the YUV color 181.2450, 21.5712, -58.9739.

-58.9739.

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

181.2450, 21.5712, -58.9739

Protanopia

193.1380, 10.7780, -3.6290

Deuteranopia

194.1690, 17.1717, -1.0252



Tritanopia

181.1310, 21.1344, -58.8739

Trichromacy



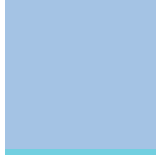
Original Color

181.2450, 21.5712, -58.9739



Protanomaly

189.0430, 14.7688, -23.7167



Deuteranomaly

189.4930, 18.9840, -22.3574



Tritanomaly

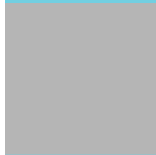
181.1310, 21.1344, -58.8739

Monochromacy



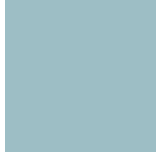
Original Color

181.2450, 21.5712, -58.9739



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.9310, 7.9220, -20.9875

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.2450, 21.5712, -58.9739 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(114, 207, 225)` looks like.

```
.text, #text, p{  
    color:rgb(114, 207, 225)  
}
```

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(114, 207, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 207, 225) }
```

Border

The CSS property to change the border of an element to YUV 181.2450, 21.5712, -58.9739 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(114, 207, 225) }
```


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

```
.border{ border-color:rgb(114, 207, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 207, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 207, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 207, 225);  
box-shadow:4px 4px 4px 4px rgb(114, 207,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 181.2450, 21.5712, -58.9739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 207, 225) }
```

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

```
.background{ background-color: rgb(114,  
207, 225) }
```

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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