

Converting Colors

YUV(162.2450, 18.1202,
-72.1289)

Have a look what the booklet for
YUV(162.2450, 18.1202, -72.1289)
contains.

YUV(162.2450, 18.1202, -72.1289)	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(162.2450, 18.1202,
-72.1289)**

Conversions

Conversions Part 1

Format	Color
Hex	50C5C7
RGB	80, 197, 199
RGB Percent	31%, 77%, 78%
CMY	0.6863, 0.2275, 0.2196
CMYK	0.60, 0.01, 0.00, 0.22
HSL	181°, 52%, 55%
HSV	181°, 60%, 78%
XYZ	33.5833, 45.7615, 61.0957
YIQ	162.2450, -70.3740, -24.1820

Conversions

Conversions Part 2

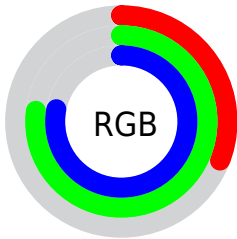
Format	Color
R _Y B	80, 139, 199
Decimal	5293511
CIE Lab	73.39, -31.82, -10.84
CIE LCh	73, 33.619, 198.809
Yxy	45.7615, 0.2391, 0.3258
Android (android.graphics.Color)	4283483591 (0xFF50C5C7)
YUV	162.2450, 18.1202, -72.1289
Hunter-Lab	67.6472, -29.7668, -6.1947

Details

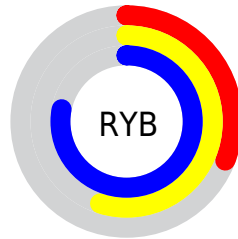
The YUV color **162.2450, 18.1202, -72.1289** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **116.7550, -18.1202, 72.1289**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3270, 17.0938, -69.5698**, and **100.4710, 21.9528, -88.1131** is the 20% darker color. If you saturate the color by 10%, you get **156.2650, 21.0684, -84.4244**, and if you desaturate by 10%, it is **168.2250, 15.1721, -59.8333**.

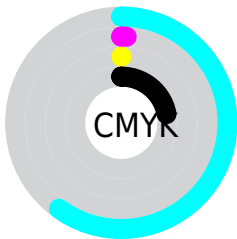
Distribution



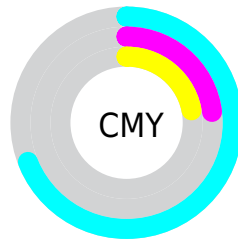
- Red (31%)
- Green (77%)
- Blue (78%)



- Red (31%)
- Yellow (55%)
- Blue (78%)



- Cyan (60%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (69%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.2450, 18.1202, -72.1289 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 162.2450, 18.1202, -72.1289 by changing the saturation by 10% instead.

■ 162.2450, 18.1202,
-72.1289

■ 162.2450, 18.1202,
-72.1289

■ 255.0000, 0.0000,
0.0000

■ 131.9670, 19.7363,
-77.1471

■ 220.3270, 17.0938,
-69.5698

■ 100.4710, 21.9528,
-88.1131

■ 229.8840, 12.3822,
-51.6413

■ 82.3590, 18.5570,
-72.2288

■ 238.8540, 7.9600,
-33.1980

■ 64.8340, 14.8718,
-56.8594

■ 247.8240, 3.5378,
-14.7546

■ 47.4230, 11.6235,
-41.5900

■ 31.4140, 8.6699,
-27.5501

■ 15.5190, 6.1531,

-13.6102

■ 0.0000, 0.0000,
0.0000

■ 162.2450, 18.1202,
-72.1289

■ 162.2450, 18.1202,
-72.1289

■ 156.2650, 21.0684,
-84.4244

■ 168.2250, 15.1721,
-59.8333

■ 149.6980, 24.3059,
-96.2051

■ 174.7920, 11.9345,
-48.0526

■ 143.7180, 27.2540,
-108.5007

■ 180.7720, 8.9864,
-35.7570

■ 137.7380, 30.2022,
-120.7962

■ 186.7520, 6.0383,
-23.4615

■ 193.3190, 2.8007,
-11.6808

■ 199.0000, 0.0000,
0.0000

■ 204.9800, -2.9481,
12.2955

■ 211.5470, -6.1857,
24.0763

■ 216.3310, -8.5442,
33.9127

Harmonies

Analogous

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



166.9800, 0.0099, -49.9715



162.2450, 18.1202, -72.1289



164.1600, 30.4871, -72.0543

Triad

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



162.2450, 18.1202, -72.1289



184.8280, 17.8328, 20.3218



179.2060, -29.1886, 28.7603

Complementary

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



162.2450, 18.1202, -72.1289



116.7550, -18.1202, 72.1289

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.



181.3250, -22.8382, 45.3190



162.2450, 18.1202, -72.1289



184.4150, 4.2324, 42.6090

Square

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



162.2450, 18.1202, -72.1289



180.6760, 28.2607, -11.1169



183.5720, -10.6350, 51.2414



176.2200, -27.2235, 5.0691

Rectangle

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



162.2450, 18.1202, -72.1289



169.6550, 33.2011, -55.8254



183.5720, -10.6350, 51.2414



180.1790, -28.1892, 34.9230

Sweetspot

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



162.2450, 18.1202, -72.1289



240.6590, 7.0701, -27.7649



150.0810, -33.5639, -61.4610



118.7420, 4.5642, -17.3137



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.



162.2450, 18.1202, -72.1289



198.2230, 27.9911, -111.5746



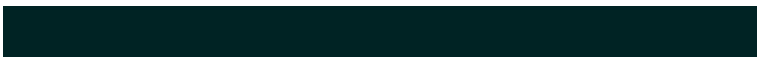
127.6120, 35.1943, -41.7557



96.3090, 1.3267, -5.5330



112.5020, 24.8955, -98.6643



24.6490, 5.5960, -21.6172

Inverse Universe

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



128.9190, 33.5639, 61.4610



146.6500, 51.9375, 95.0229



151.3880, -35.1943, 41.7557



93.7170, 2.6045, 4.6332



66.9770, 45.8603, 84.2122



14.7540, 9.9813, 18.6327

Previews

White Background



This preview shows how the YUV color 162.2450, 18.1202, -72.1289 looks on a white background.

Color Contrast Check

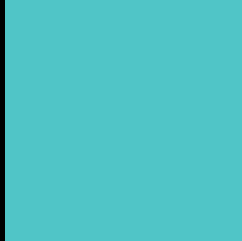
Large Text (above 18pt) WCAG AA × Fail

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 162.2450, 18.1202, -72.1289 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

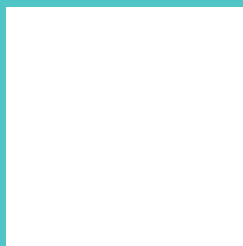
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 162.2450, 18.1202, -72.1289

Background



This preview shows how black text looks on a background with the YUV color 162.2450, 18.1202, -72.1289.



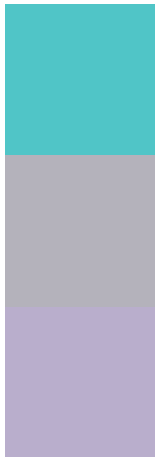
This preview shows how white text looks on a background with the YUV color 162.2450, 18.1202, -72.1289.

-72.1289.

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

162.2450, 18.1202, -72.1289

Protanopia

179.6240, 3.6364, 0.3298

Deuteranopia

180.7090, 11.4825, 3.7632



Tritanopia

163.9340, 23.2035, -69.2251

Trichromacy



Original Color

162.2450, 18.1202, -72.1289

Protanomaly

173.4250, 8.6645, -25.8057

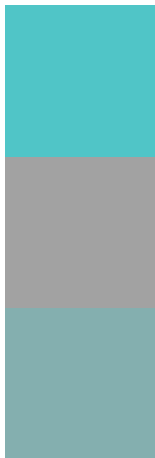
Deuteranomaly

173.8150, 13.8952, -23.5168

Tritanomaly

163.4670, 21.4618, -70.5696

Monochromacy



Original Color

162.2450, 18.1202, -72.1289

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.1430, 6.3385, -26.4354

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.2450, 18.1202, -72.1289 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(80, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(80, 197, 199)  
}
```

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(80, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 197, 199) }
```

Border

The CSS property to change the border of an element to YUV 162.2450, 18.1202, -72.1289 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(80, 197, 199) }
```


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

```
.border{ border-color:rgb(80, 197, 199) }
```

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

Here you see how a box with a 4 pixel rgb(80, 197, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(80, 197,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 162.2450, 18.1202, -72.1289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 197, 199) }
```

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

```
.background{ background-color: rgb(80, 197,  
199) }
```

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