

Converting Colors

YUV(178.2500, 0.3698,
-72.1333)

Have a look what the booklet for
YUV(178.2500, 0.3698, -72.1333)
contains.

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Color

**YUV(178.2500, 0.3698,
-72.1333)**

Conversions

Conversions Part 1

Format	Color
Hex	60DCB3
RGB	96, 220, 179
RGB Percent	38%, 86%, 70%
CMY	0.6235, 0.1373, 0.2980
CMYK	0.56, 0.00, 0.19, 0.14
HSL	160°, 64%, 62%
HSV	160°, 56%, 86%
XYZ	38.5538, 56.9279, 51.6040
YIQ	178.2500, -60.7430, -39.0390

Conversions

Conversions Part 2

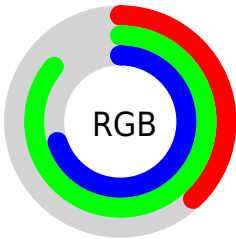
Format	Color
RYB	96, 170, 220
Decimal	6347955
CIELab	80.14, -44.27, 9.82
CIElCh	80, 45.346, 167.488
Yxy	56.9279, 0.2621, 0.3870
Android (android.graphics.Color)	4284538035 (0xFF60DCB3)
YUV	178.2500, 0.3698, -72.1333
Hunter-Lab	75.4506, -40.8285, 12.2643

Details

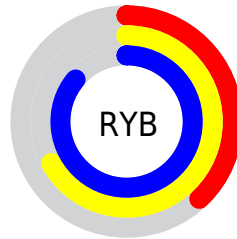
The YUV color **178.2500, 0.3698, -72.1333** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **137.7500, -0.3698, 72.1333**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1190, 5.8573, -58.8634**, and **116.9110, 4.4809, -84.1139** is the 20% darker color. If you saturate the color by 10%, you get **170.8740, 0.5551, -84.9585**, and if you desaturate by 10%, it is **185.6260, 0.1844, -59.3080**.

Distribution



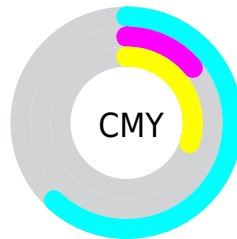
- Red (38%)
- Green (86%)
- Blue (70%)



- Red (38%)
- Yellow (67%)
- Blue (86%)



- Cyan (56%)
- Magenta (0%)
- Yellow (19%)
- Black (14%)



- Cyan (62%)
- Magenta (14%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2500, 0.3698, -72.1333 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 178.2500, 0.3698, -72.1333 by changing the saturation by 10% instead.

■ 178.2500, 0.3698,
-72.1333

■ 178.2500, 0.3698,
-72.1333

255.0000, 0.0000,
0.0000

■ 149.1680, 1.3962,
-74.6923

■ 223.1190, 5.8573,
-58.8634

■ 116.9110, 4.4809,
-84.1139

■ 234.0700, 10.3185,
-43.0344

■ 91.9330, 4.4700,
-80.6252

■ 243.0400, 5.8963,
-24.5911

■ 73.9350, 1.5110,
-64.8410

■ 252.0100, 1.4741,
-6.1478

■ 56.6380, -1.3005,
-49.6715

■ 39.5690, -3.2385,
-34.7020

■ 24.7340, -6.7709,

-21.6917

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 178.2500, 0.3698,
-72.1333

■ 178.2500, 0.3698,
-72.1333

■ 170.8740, 0.5551,
-84.9585

■ 185.6260, 0.1844,
-59.3080

■ 163.3840, 0.3037,
-97.6838

■ 193.1160, 0.4358,
-46.5827

■ 156.0080, 0.4891,
-110.5090

■ 200.4920, 0.2504,
-33.7575


■ 148.6320, 0.6744,
-123.3343

■ 207.8680, 0.0651,
-20.9322


 145.8980, 0.5433,
-127.9525

 215.2440, -0.1203,
-8.1070

 222.7340, 0.1311,
4.6183

 230.1100, -0.0542,
17.4435

 232.4030, 2.2663,
19.8176

 233.2010, 5.3239,
19.1177

Harmonies

Analogous

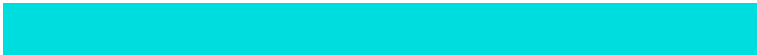
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



187.3250, -23.3312, -30.1030



178.2500, 0.3698, -72.1333



155.1490, 33.4505, -136.0657

Triad

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



178.2500, 0.3698, -72.1333



195.8710, 29.1506, -16.5499



195.2890, -28.2435, 52.3665

Complementary

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



178.2500, 0.3698, -72.1333



137.7500, -0.3698, 72.1333

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.



193.6370, -9.1880, 53.8154



178.2500, 0.3698, -72.1333



204.1090, 25.0893, 26.2144

Square

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



178.2500, 0.3698, -72.1333



181.0660, 36.4495, -71.0949



199.1260, 9.3049, 49.0015



197.1120, -39.9882, 39.3668

Rectangle

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



178.2500, 0.3698, -72.1333



156.9390, 45.3861, -137.6355



199.1260, 9.3049, 49.0015



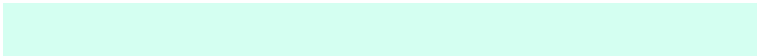
193.6080, -21.9917, 53.8408

Sweetspot

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



178.2500, 0.3698, -72.1333



240.5470, 0.2233, -25.0357



181.0470, -41.9282, -38.6292



119.2000, -0.0986, -15.0844



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.



178.2500, 0.3698, -72.1333



196.7750, 0.6039, -100.6577



170.5970, 24.3557, -65.4216



106.2550, -0.1257, -6.3626



114.7750, 0.6039, -100.6577



30.5360, 0.2288, -26.7801

Inverse Universe

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



137.7500, -0.3698, 72.1333



140.2250, -0.6039, 100.6577



145.4030, -24.3557, 65.4216



102.6310, -0.3111, 6.4626



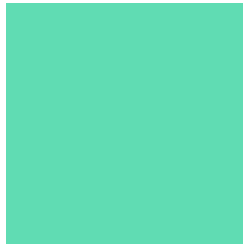
58.2250, -0.6039, 100.6577



15.4640, -0.2288, 26.7801

Previews

White Background



This preview shows how the YUV color 178.2500, 0.3698, -72.1333 looks on a white background.

Color Contrast Check

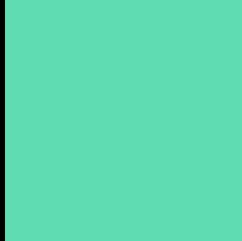
Large Text (above 18pt) WCAG AA × Fail

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 178.2500, 0.3698, -72.1333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

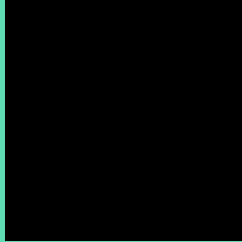
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

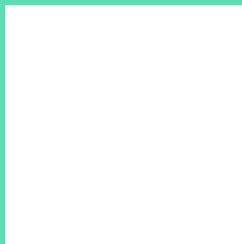
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 178.2500, 0.3698, -72.1333

Background



This preview shows how black text looks on a background with the YUV color 178.2500, 0.3698, -72.1333.



This preview shows how white text looks on a background with the YUV color 178.2500, 0.3698,

-72.1333.

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

178.2500, 0.3698, -72.1333

Protanopia

196.8690, -14.7254, 9.7619

Deuteranopia

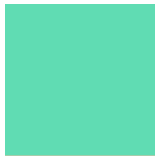
199.2860, -7.0430, 19.0432



Tritanopia

185.0380, 22.1663, -63.1773

Trichromacy



Original Color

178.2500, 0.3698, -72.1333



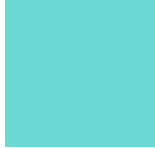
Protanomaly

189.7620, -9.2497, -19.9623



Deuteranomaly

192.0600, -4.4666, -14.0846



Tritanomaly

182.8390, 13.8834, -66.5108

Monochromacy



Original Color

178.2500, 0.3698, -72.1333



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.8350, 0.0813, -26.1653

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2500, 0.3698, -72.1333 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(96, 220, 179)` looks like.

```
.text, #text, p{  
    color:rgb(96, 220, 179)  
}
```

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(96, 220, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 220, 179) }
```

Border

The CSS property to change the border of an element to YUV 178.2500, 0.3698, -72.1333 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(96, 220, 179) }
```


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

```
.border{ border-color:rgb(96, 220, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 220, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 220, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 220, 179);  
box-shadow:4px 4px 4px 4px rgb(96, 220,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 178.2500, 0.3698, -72.1333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 220, 179) }
```

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

```
.background{ background-color: rgb(96, 220,  
179) }
```

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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