

Converting Colors

YUV(152.7220, -2.3279,
-93.5952)

Have a look what the booklet for
YUV(152.7220, -2.3279, -93.5952)
contains.

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Color

**YUV(152.7220, -2.3279,
-93.5952)**

Conversions

Conversions Part 1	
Format	Color
Hex	2ED094
RGB	46, 208, 148
RGB Percent	18%, 82%, 58%
CMY	0.8196, 0.1843, 0.4196
CMYK	0.78, 0.00, 0.29, 0.18
HSL	158°, 64%, 50%
HSV	158°, 78%, 82%
XYZ	29.0279, 47.8307, 35.7193
YIQ	152.7220, -77.2920, -53.0040

Conversions

Conversions Part 2

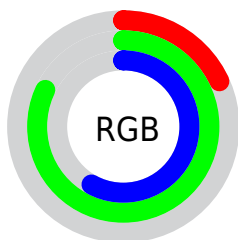
Format	Color
RYB	46, 145, 208
Decimal	3068052
CIELab	74.72, -54.31, 18.47
CIELCh	75, 57.367, 161.214
Yxy	47.8307, 0.2578, 0.4249
Android (android.graphics.Color)	4281258132 (0xFF2ED094)
YUV	152.7220, -2.3279, -93.5952
Hunter-Lab	69.1598, -46.1091, 17.7900

Details

The YUV color **152.7220, -2.3279, -93.5952** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **101.2780, 2.3279, 93.5952**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6960, -2.8081, -79.5404**, and **100.2820, -1.6180, -87.9473** is the 20% darker color. If you saturate the color by 10%, you get **145.5310, -2.7268, -105.7057**, and if you desaturate by 10%, it is **159.9130, -1.9291, -81.4847**.

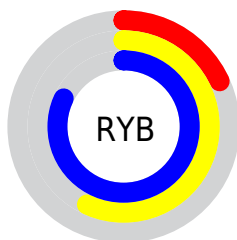
Distribution



Red (18%)

Green (82%)

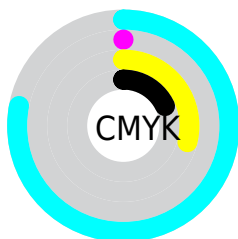
Blue (58%)



Red (18%)

Yellow (57%)

Blue (82%)

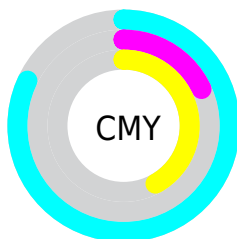


Cyan (78%)

Magenta (0%)

Yellow (29%)

Black (18%)



Cyan (82%)

Magenta (18%)


Yellow (42%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 152.7220, -2.3279, -93.5952 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 152.7220, -2.3279, -93.5952 by changing the saturation by 10% instead.

 152.7220, -2.3279,
-93.5952

 152.7220, -2.3279,
-93.5952


255.0000, 0.0000,
0.0000


 119.5680, 1.1990,
-104.8611


 207.6960, -2.8081,
-79.5404

 100.2820, -1.6180,
-87.9473


 220.4560, 4.7052,
-62.6669


 82.2840, -4.5770,
-72.1631


 232.2760, 11.2029,
-46.7231

 63.8130, -6.8098,
-55.9640

 241.5450, 6.6333,
-27.6650

 46.6300, -9.1846,
-40.8945

 250.5150, 2.2111,
-9.2217

 30.5070, -12.5750,
-26.7546

 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 152.7220, -2.3279,
-93.5952

■ 152.7220, -2.3279,
-93.5952

■ 145.5310, -2.7268,
-105.7057

■ 159.9130, -1.9291,
-81.4847

■ 138.4540, -2.6888,
-117.9162


■ 166.9900, -1.9671,
-69.2742


■ 137.0300, -2.9728,
-120.1753

■ 173.8820, -1.4208,
-57.7785

■ 181.0730, -1.0220,
-45.6680

■ 188.2640, -0.6232,
-33.5575

 195.3410, -0.6611,
-21.3471

 202.5320, -0.2623,
-9.2366

 209.4240, 0.2840,
2.2592

 216.5010, 0.2460,
14.4696

Harmonies

Analogous

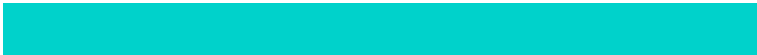
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.8770, -33.9564, -28.8331



152.7220, -2.3279, -93.5952



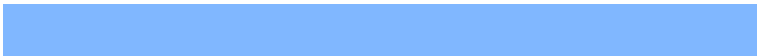
146.4120, 27.8979, -128.4033

Triad

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



152.7220, -2.3279, -93.5952



174.7630, 39.5568, -41.0112



177.6330, -29.8921, 67.8509

Complementary

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



152.7220, -2.3279, -93.5952



101.2780, 2.3279, 93.5952

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.



176.1750, -5.0163, 69.1295



152.7220, -2.3279, -93.5952



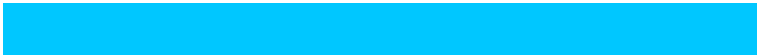
187.8510, 33.1045, 22.0557

Square

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



152.7220, -2.3279, -93.5952



145.8830, 53.7947, -127.9394



185.1520, 16.6871, 61.2567



180.9090, -48.7621, 53.5768

Rectangle

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



152.7220, -2.3279, -93.5952



149.7010, 43.0384, -131.2878



185.1520, 16.6871, 61.2567



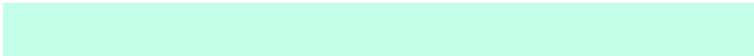
175.8210, -21.6038, 69.4400

Sweetspot

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



152.7220, -2.3279, -93.5952



234.8510, -0.9125, -34.0723



159.6320, -56.0206, -45.2813



115.6400, -0.8085, -20.7323



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.



152.7220, -2.3279, -93.5952



174.1050, -3.5028, -136.9041



148.4090, 29.3784, -89.8127



101.2550, -0.1257, -6.3626



110.7000, -2.3171, -97.0839



27.0310, -0.5083, -23.7062

Inverse Universe

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



101.2780, 2.3279, 93.5952



98.8950, 3.5028, 136.9041



105.5910, -29.3784, 89.8127



97.7450, 0.1257, 6.3626



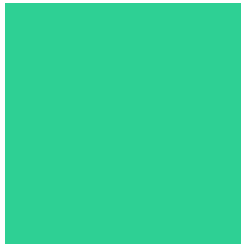
57.3000, 2.3171, 97.0839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 152.7220, -2.3279, -93.5952 looks on a white background.

Color Contrast Check

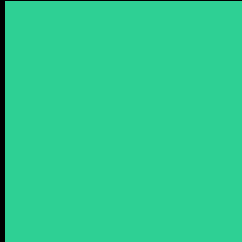
Large Text (above 18pt) WCAG AA × Fail

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 152.7220, -2.3279, -93.5952 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

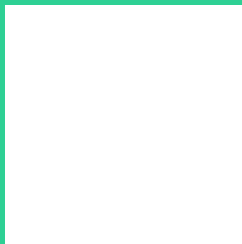
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 152.7220, -2.3279, -93.5952

Background



This preview shows how black text looks on a background with the YUV color 152.7220, -2.3279, -93.5952.



This preview shows how white text looks on a background with the YUV color 152.7220, -2.3279, -93.5952.

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

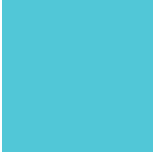
152.7220, -2.3279, -93.5952

Protanopia

180.6430, -22.0090, 12.5911

Deuteranopia

182.8860, -13.7478, 22.9020



Tritanopia

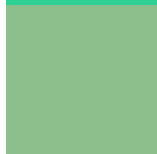
165.5420, 24.3828, -74.1433

Trichromacy



Original Color

152.7220, -2.3279, -93.5952



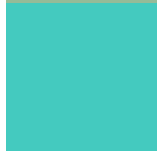
Protanomaly

170.2360, -14.9063, -25.6400



Deuteranomaly

171.9470, -9.8339, -19.2475



Tritanomaly

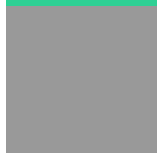
160.6800, 14.9478, -81.2804

Monochromacy



Original Color

152.7220, -2.3279, -93.5952



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

152.8510, -0.9125, -34.0723

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.7220, -2.3279, -93.5952 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(46, 208, 148)` looks like.

```
.text, #text, p{  
    color:rgb(46, 208, 148)  
}
```

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(46, 208, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 208, 148) }
```

Border

The CSS property to change the border of an element to YUV 152.7220, -2.3279, -93.5952 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(46, 208, 148) }
```


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

```
.border{ border-color:rgb(46, 208, 148) }
```

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

Here you see how a box with a 4 pixel rgb(46, 208, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 208, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 208, 148);  
box-shadow:4px 4px 4px 4px rgb(46, 208,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 152.7220, -2.3279, -93.5952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(46, 208, 148) }
```

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

```
.background{ background-color:rgb(46, 208,  
148) }
```

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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