

Converting Colors

YUV(170.6420, 2.6415,
-54.0600)

Have a look what the booklet for
YUV(170.6420, 2.6415, -54.0600)
contains.

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Color

**YUV(170.6420, 2.6415,
-54.0600)**

Conversions

Conversions Part 1

Format	Color
Hex	6DC9B0
RGB	109, 201, 176
RGB Percent	43%, 79%, 69%
CMY	0.5725, 0.2118, 0.3098
CMYK	0.46, 0.00, 0.12, 0.21
HSL	164°, 46%, 61%
HSV	164°, 46%, 79%
XYZ	35.0298, 48.1591, 48.5237
YIQ	170.6420, -46.8070, -27.2790

Conversions

Conversions Part 2

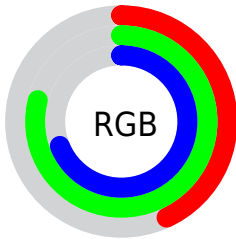
Format	Color
RYB	109, 162, 201
Decimal	7195056
CIELab	74.93, -33.43, 4.00
CIELCh	75, 33.673, 173.176
Yxy	48.1591, 0.2660, 0.3656
Android (android.graphics.Color)	4285385136 (0xFF6DC9B0)
YUV	170.6420, 2.6415, -54.0600
Hunter-Lab	69.3967, -31.3419, 7.1209

Details

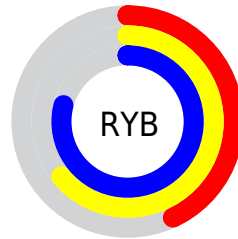
The YUV color **170.6420, 2.6415, -54.0600** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **139.3580, -2.6415, 54.0600**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.4680, 3.2203, -53.0304**, and **115.0870, 4.3941, -56.2043** is the 20% darker color. If you saturate the color by 10%, you get **164.0920, 3.4056, -65.8557**, and if you desaturate by 10%, it is **177.1920, 1.8773, -42.2644**.

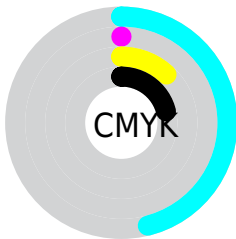
Distribution



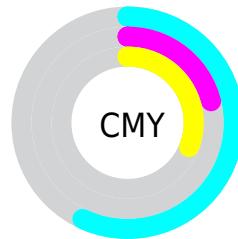
- Red (43%)
- Green (79%)
- Blue (69%)



- Red (43%)
- Yellow (64%)
- Blue (79%)



- Cyan (46%)
- Magenta (0%)
- Yellow (12%)
- Black (21%)



- Cyan (57%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.6420, 2.6415, -54.0600 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 170.6420, 2.6415, -54.0600 by changing the saturation by 10% instead.

■ 170.6420, 2.6415,
-54.0600

■ 170.6420, 2.6415,
-54.0600

255.0000, 0.0000,
0.0000

■ 142.7560, 3.0783,
-54.1600

■ 225.4680, 3.2203,
-53.0304

■ 115.0870, 4.3941,
-56.2043

■ 236.7610, 8.9918,
-37.5014

■ 85.6130, 6.5998,
-63.6816

■ 245.4320, 4.7170,
-19.6729

■ 64.3150, 5.2677,
-56.4043

254.1030, 0.4422,
-1.8443

■ 47.6050, 2.1667,
-41.7496

■ 31.1230, -0.0606,
-27.2949

■ 16.0600, -4.4666,

-14.0846

■ 0.0000, 0.0000,
0.0000

■ 170.6420, 2.6415,
-54.0600

■ 170.6420, 2.6415,
-54.0600

■ 164.0920, 3.4056,
-65.8557

■ 177.1920, 1.8773,
-42.2644

■ 157.4280, 3.7330,
-77.5514

■ 183.8560, 1.5500,
-30.5687

■ 150.8780, 4.4971,
-89.3470

■ 190.4060, 0.7858,
-18.7731

■ 144.2140, 4.8245,
-101.0427

■ 197.0700, 0.4585,
-7.0774

■ 137.3650, 5.7361,
-113.4531

■ 203.9190, -0.4531,
5.3330

■ 134.6310, 5.6049,
-118.0714

■ 210.5830, -0.7804,
17.0287

■ 217.1330, -1.5446,
28.8244

■ 219.3120, 0.3392,
31.2984

■ 219.8820, 2.5232,
30.7985

Harmonies

Analogous

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



175.6380, -14.6115, -26.8695



170.6420, 2.6415, -54.0600



166.2170, 20.5990, -73.8583

Triad

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



170.6420, 2.6415, -54.0600



186.0680, 27.0815, -6.1986



185.8580, -24.5800, 43.9745

Complementary

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



170.6420, 2.6415, -54.0600



139.3580, -2.6415, 54.0600

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.



187.1160, -12.3822, 51.6413



170.6420, 2.6415, -54.0600



188.8070, 16.3641, 24.7253

Square

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



170.6420, 2.6415, -54.0600



178.9280, 32.5735, -41.1559



188.8560, 2.0430, 44.8533



183.0700, -29.6145, 25.3716

Rectangle

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



170.6420, 2.6415, -54.0600



167.3940, 28.8928, -74.0135



188.8560, 2.0430, 44.8533



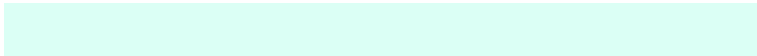
186.3900, -21.3913, 47.8930

Sweetspot

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



170.6420, 2.6415, -54.0600



243.0960, 0.9387, -21.1322



170.7780, -30.4566, -31.3773



120.7380, 0.6222, -12.9252



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.



170.6420, 2.6415, -54.0600



208.8080, 4.0387, -82.2696



161.7520, 19.3493, -46.2635



96.0810, 0.4531, -5.3330



109.2470, 4.8082, -95.8096



24.0960, 0.9387, -21.1322

Inverse Universe

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



139.3580, -2.6415, 54.0600



161.1920, -4.0387, 82.2696



148.2480, -19.3493, 46.2635



92.9190, -0.4531, 5.3330



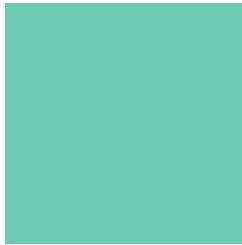
53.7530, -4.8082, 95.8096



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 170.6420, 2.6415, -54.0600 looks on a white background.

Color Contrast Check

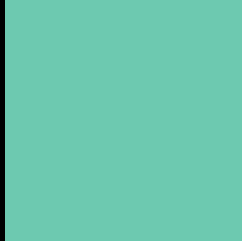
Large Text (above 18pt) WCAG AA × Fail

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 170.6420, 2.6415, -54.0600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

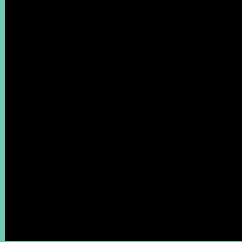
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.6420, 2.6415, -54.0600

Background



This preview shows how black text looks on a background with the YUV color 170.6420, 2.6415, -54.0600.



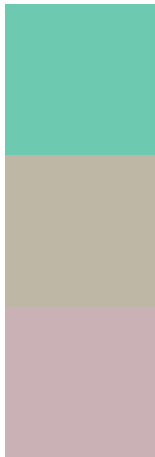
This preview shows how white text looks on a background with the YUV color 170.6420, 2.6415,

-54.0600.

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

170.6420, 2.6415, -54.0600

Protanopia

183.4540, -8.6048, 6.6178

Deuteranopia

184.9310, -1.9380, 14.9695



Tritanopia

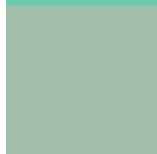
174.8010, 18.3391, -48.9375

Trichromacy



Original Color

170.6420, 2.6415, -54.0600



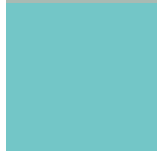
Protanomaly

179.0490, -4.4612, -15.8290



Deuteranomaly

179.8200, -0.4043, -10.3661



Tritanomaly

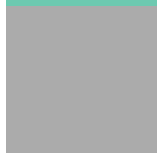
173.2970, 12.6716, -51.1265

Monochromacy



Original Color

170.6420, 2.6415, -54.0600



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.8080, 1.0807, -20.0026

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.6420, 2.6415, -54.0600 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(109, 201, 176)` looks like.

```
.text, #text, p{  
    color:rgb(109, 201, 176)  
}
```

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(109, 201, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 201, 176) }
```

Border

The CSS property to change the border of an element to YUV 170.6420, 2.6415, -54.0600 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(109, 201, 176) }
```


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

```
.border{ border-color:rgb(109, 201, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 201, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 201, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 201, 176); box-shadow:4px 4px 4px 4px rgb(109, 201, 176) }
```

Background

The CSS property to change the background color of an element to YUV 170.6420, 2.6415, -54.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 201, 176) }
```

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

```
.background{ background-color: rgb(109,  
201, 176) }
```

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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