

Converting Colors

YUV(175.0380, 5.4043,
-53.5303)

Have a look what the booklet for
YUV(175.0380, 5.4043, -53.5303)
contains.

YUV(175.0380, 5.4043, -53.5303)	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(175.0380, 5.4043,
-53.5303)**

Conversions

Conversions Part 1

Format	Color
Hex	72CCBA
RGB	114, 204, 186
RGB Percent	45%, 80%, 73%
CMY	0.5529, 0.2000, 0.2706
CMYK	0.44, 0.00, 0.09, 0.20
HSL	168°, 47%, 62%
HSV	168°, 44%, 80%
XYZ	37.3952, 50.3083, 54.1939
YIQ	175.0380, -47.8620, -24.6780

Conversions

Conversions Part 2

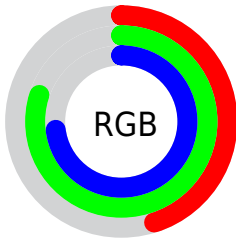
Format	Color
RYB	114, 164, 204
Decimal	7523514
CIELab	76.26, -31.29, 0.57
CIElCh	76, 31.292, 178.962
Yxy	50.3083, 0.2635, 0.3545
Android (android.graphics.Color)	4285713594 (0xFF72CCBA)
YUV	175.0380, 5.4043, -53.5303
Hunter-Lab	70.9284, -30.0149, 4.3484

Details

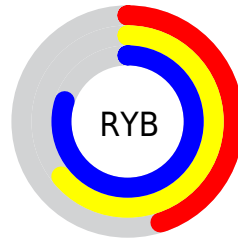
The YUV color **175.0380, 5.4043, -53.5303** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **142.9620, -5.4043, 53.5303**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.1030, 6.8512, -50.9563**, and **119.6680, 6.5727, -54.9598** is the 20% darker color. If you saturate the color by 10%, you get **168.6020, 6.6052, -65.4260**, and if you desaturate by 10%, it is **181.4740, 4.2033, -41.6347**.

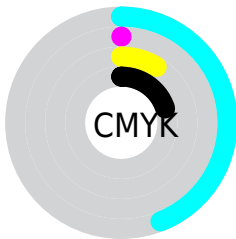
Distribution



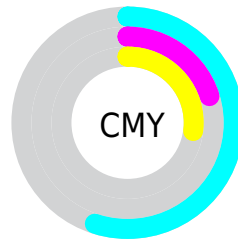
- Red (45%)
- Green (80%)
- Blue (73%)



- Red (45%)
- Yellow (64%)
- Blue (80%)



- Cyan (44%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (55%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.0380, 5.4043, -53.5303 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 175.0380, 5.4043, -53.5303 by changing the saturation by 10% instead.

■ 175.0380, 5.4043,
-53.5303

■ 175.0380, 5.4043,
-53.5303

255.0000, 0.0000,
0.0000

■ 147.1520, 5.8411,
-53.6303

■ 228.1030, 6.8512,
-50.9563

■ 119.6680, 6.5727,
-54.9598

■ 238.2560, 8.2548,
-34.4275

■ 91.0910, 8.3361,
-60.5928

■ 246.9270, 3.9800,
-16.5990

■ 67.1020, 8.3307,
-58.8485

■ 49.8050, 5.5191,
-43.6790

■ 33.7960, 2.5656,
-29.6391

■ 19.6620, -0.8194,

-17.2436

■ 0.0000, 0.0000,
0.0000

■ 175.0380, 5.4043,
-53.5303

■ 175.0380, 5.4043,
-53.5303

■ 168.6020, 6.6052,
-65.4260

■ 181.4740, 4.2033,
-41.6347

■ 161.8670, 7.9536,
-77.9364

■ 188.2090, 2.8550,
-29.1243

■ 155.4310, 9.1545,
-89.8320

■ 194.6450, 1.6540,
-17.2287

■ 148.6960, 10.5029,
-102.3424

■ 201.3800, 0.3057,
-4.7183

■ 142.2600, 11.7038,
-114.2380

■ 207.8160, -0.8953,
7.1774

■ 138.3300, 12.1623,
-121.3154

■ 214.2520, -2.0962,
19.0730

■ 220.5030, -2.7130,
30.2539

■ 220.9590, -0.9658,
29.8540

■ 221.4150, 0.7814,
29.4540

Harmonies

Analogous

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



179.2400, -10.9643, -30.0285



175.0380, 5.4043, -53.5303



172.6740, 20.8667, -66.3661

Triad

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



175.0380, 5.4043, -53.5303



190.6020, 23.8602, 0.3490



188.8250, -24.5637, 38.7415

Complementary

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



175.0380, 5.4043, -53.5303



142.9620, -5.4043, 53.5303

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.



190.8120, -14.6973, 47.5229



175.0380, 5.4043, -53.5303



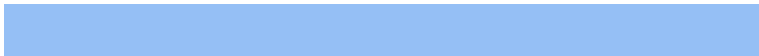
192.7920, 12.4275, 27.3694

Square

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



175.0380, 5.4043, -53.5303



184.5980, 29.7782, -31.2194



192.3460, -1.1566, 44.4236



186.7920, -27.9985, 20.3534

Rectangle

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



175.0380, 5.4043, -53.5303



175.1180, 27.5498, -63.2475



192.3460, -1.1566, 44.4236



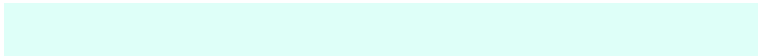
189.6560, -21.5224, 43.2747

Sweetspot

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



175.0380, 5.4043, -53.5303



244.3350, 1.8068, -19.5878



172.2120, -28.6985, -35.2659



121.1510, 0.9116, -12.4104



0.0000, 0.0000, 0.0000



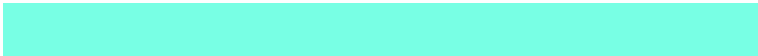
128.0000, 0.0000, 0.0000

Same Dimension

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



175.0380, 5.4043, -53.5303



211.5570, 8.1064, -80.2955



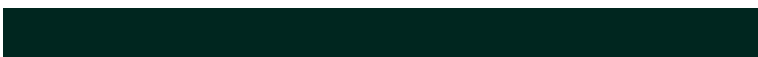
161.2410, 21.0802, -41.4304



98.7820, 0.6005, -5.9478



112.6040, 10.0552, -98.7537



25.8400, 2.5439, -22.6617

Inverse Universe

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



142.9620, -5.4043, 53.5303



163.4430, -8.1064, 80.2955



156.7590, -21.0802, 41.4304



95.2180, -0.6005, 5.9478



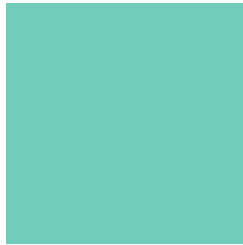
53.3960, -10.0552, 98.7537



12.2740, -2.1071, 22.5617

Previews

White Background



This preview shows how the YUV color 175.0380, 5.4043, -53.5303 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 175.0380, 5.4043, -53.5303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

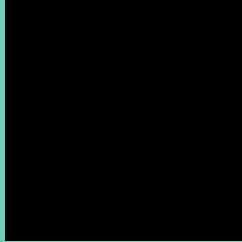
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.0380, 5.4043, -53.5303

Background



This preview shows how black text looks on a background with the YUV color 175.0380, 5.4043, -53.5303.



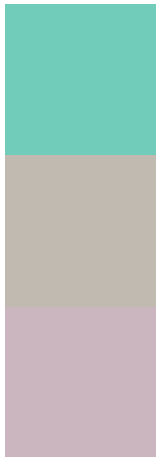
This preview shows how white text looks on a background with the YUV color 175.0380, 5.4043, -53.5303.

-53.5303.

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

175.0380, 5.4043, -53.5303

Protanopia

186.9530, -5.3998, 5.3032

Deuteranopia

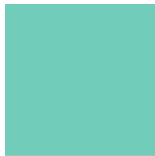
188.7180, 1.1250, 12.5253



Tritanopia

178.5020, 18.4865, -49.5523

Trichromacy



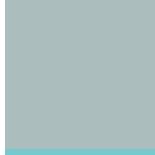
Original Color

175.0380, 5.4043, -53.5303



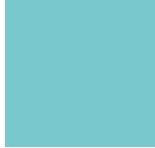
Protanomaly

182.8470, -1.4036, -16.5288



Deuteranomaly

183.6180, 2.6533, -11.0660



Tritanomaly

176.9380, 13.8346, -50.8116

Monochromacy



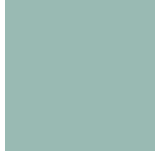
Original Color

175.0380, 5.4043, -53.5303



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.3350, 1.8068, -19.5878

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.0380, 5.4043, -53.5303 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, 204, 186)` looks like.

```
.text, #text, p{  
    color:rgb(114, 204, 186)  
}
```

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, 204, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 204, 186) }
```

Border

The CSS property to change the border of an element to YUV 175.0380, 5.4043, -53.5303 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, 204, 186) }
```


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

```
.border{ border-color:rgb(114, 204, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 204, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 204, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 204, 186); box-shadow:4px 4px 4px 4px rgb(114, 204, 186) }
```

Background

The CSS property to change the background color of an element to YUV 175.0380, 5.4043, -53.5303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 204, 186) }
```

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

```
.background{ background-color: rgb(114,  
204, 186) }
```

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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