

Converting Colors

YUV(175.5280, 2.2047,
-53.9601)

Have a look what the booklet for
YUV(175.5280, 2.2047, -53.9601)
contains.

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Color

**YUV(175.5280, 2.2047,
-53.9601)**

Conversions

Conversions Part 1

Format	Color
Hex	72CEB4
RGB	114, 206, 180
RGB Percent	45%, 81%, 71%
CMY	0.5529, 0.1922, 0.2941
CMYK	0.45, 0.00, 0.13, 0.19
HSL	163°, 48%, 63%
HSV	163°, 45%, 81%
XYZ	37.2490, 51.0153, 51.0637
YIQ	175.5280, -46.4860, -27.5900

Conversions

Conversions Part 2

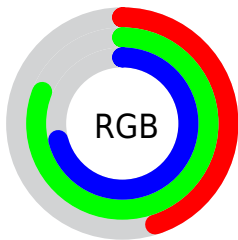
Format	Color
RYB	114, 168, 206
Decimal	7524020
CIELab	76.69, -33.62, 4.42
CIElCh	77, 33.908, 172.509
Yxy	51.0153, 0.2673, 0.3662
Android (android.graphics.Color)	4285714100 (0xFF72CEB4)
YUV	175.5280, 2.2047, -53.9601
Hunter-Lab	71.4250, -31.9040, 7.6094

Details

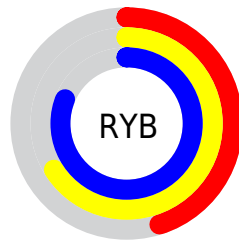
The YUV color **175.5280, 2.2047, -53.9601** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **144.4720, -2.2047, 53.9601**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4190, 4.2304, -50.3565**, and **120.1580, 3.3731, -55.3896** is the 20% darker color. If you saturate the color by 10%, you get **168.5650, 2.6795, -66.2705**, and if you desaturate by 10%, it is **182.4910, 1.7299, -41.6496**.

Distribution



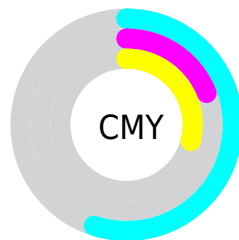
- Red (45%)
- Green (81%)
- Blue (71%)



- Red (45%)
- Yellow (66%)
- Blue (81%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (55%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.5280, 2.2047, -53.9601 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 175.5280, 2.2047, -53.9601 by changing the saturation by 10% instead.

■ 175.5280, 2.2047,
-53.9601

■ 175.5280, 2.2047,
-53.9601

255.0000, 0.0000,
0.0000

■ 147.6420, 2.6415,
-54.0600

■ 227.4190, 4.2304,
-50.3565

■ 120.1580, 3.3731,
-55.3896

■ 238.2560, 8.2548,
-34.4275

■ 91.5810, 5.1366,
-61.0225

■ 246.9270, 3.9800,
-16.5990

■ 67.0050, 5.4205,
-58.7634

■ 50.4090, 2.7564,
-44.2087

■ 33.8130, 0.0922,
-29.6540

■ 20.1520, -4.0189,

-17.6733

■ 0.0000, 0.0000,
0.0000

■ 175.5280, 2.2047,
-53.9601

■ 175.5280, 2.2047,
-53.9601

■ 168.5650, 2.6795,
-66.2705

■ 182.4910, 1.7299,
-41.6496

■ 161.9010, 3.0068,
-77.9662

■ 189.1550, 1.4026,
-29.9539

■ 155.0520, 3.9184,
-90.3766

■ 196.0040, 0.4910,
-17.5435

■ 148.3880, 4.2457,
-102.0723


■ 202.6680, 0.1637,
-5.8478

■ 141.4250, 4.7205,
-114.3827

■ 209.6310, -0.3111,
6.4626

 137.7940, 5.0316,
-120.8453

 216.5940, -0.7858,
18.7731

 222.3610, -0.6710,
28.6244

 223.0450, 1.9498,
28.0245

 223.6150, 4.1338,
27.5246

Harmonies

Analogous

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



180.8230, -15.1957, -26.1548



175.5280, 2.2047, -53.9601



171.1030, 20.1622, -73.7583

Triad

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



175.5280, 2.2047, -53.9601



190.8830, 27.6657, -6.9134



190.5700, -24.4380, 45.1041

Complementary

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



175.5280, 2.2047, -53.9601



144.4720, -2.2047, 53.9601

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.



192.4150, -12.5296, 52.2560



175.5280, 2.2047, -53.9601



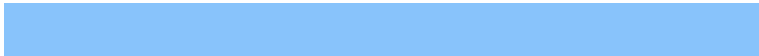
193.9210, 16.8009, 24.6253

Square

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



175.5280, 2.2047, -53.9601



183.7430, 33.1577, -41.8706



193.5680, 2.1850, 45.9829



188.2550, -30.1987, 26.0864

Rectangle

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



175.5280, 2.2047, -53.9601



172.0950, 29.0402, -74.6283



193.5680, 2.1850, 45.9829



191.1020, -21.2493, 49.0225

Sweetspot

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



175.5280, 2.2047, -53.9601



244.1070, 0.9332, -19.3878



175.7780, -30.4566, -31.3773



121.0370, 0.4748, -12.3104



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.



175.5280, 2.2047, -53.9601



209.2920, 3.3070, -80.9401



166.7520, 19.3493, -46.2635



98.6680, 0.1637, -5.8478



111.0080, 3.9401, -97.3540



25.3840, 0.7967, -22.2618

Inverse Universe

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



144.4720, -2.2047, 53.9601



162.7080, -3.3070, 80.9401



153.2480, -19.3493, 46.2635



95.3320, -0.1637, 5.8478



54.9920, -3.9401, 97.3540



12.6160, -0.7967, 22.2618

Previews

White Background



This preview shows how the YUV color 175.5280, 2.2047, -53.9601 looks on a white background.

Color Contrast Check

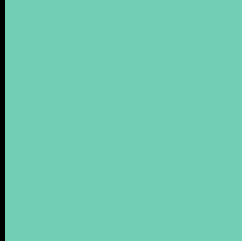
Large Text (above 18pt) WCAG AA × Fail

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 175.5280, 2.2047, -53.9601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

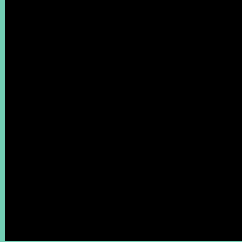
Any Text WCAG AA ✓ Pass

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 175.5280, 2.2047, -53.9601 Background



This preview shows how black text looks on a background with the YUV color 175.5280, 2.2047, -53.9601.



This preview shows how white text looks on a background with the YUV color 175.5280, 2.2047,

-53.9601.

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

175.5280, 2.2047, -53.9601

Protanopia

188.3400, -9.0416, 6.7178

Deuteranopia

189.8170, -2.3748, 15.0695



Tritanopia

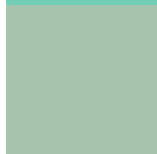
179.8010, 18.3391, -48.9375

Trichromacy



Original Color

175.5280, 2.2047, -53.9601



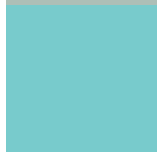
Protanomaly

183.9350, -4.8980, -15.7290



Deuteranomaly

184.7060, -0.8411, -10.2662



Tritanomaly

178.2970, 12.6716, -51.1265

Monochromacy



Original Color

175.5280, 2.2047, -53.9601



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

175.6940, 0.6439, -19.9026

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.5280, 2.2047, -53.9601 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, 206, 180)` looks like.

```
.text, #text, p{  
    color:rgb(114, 206, 180)  
}
```

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, 206, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 206, 180) }
```

Border

The CSS property to change the border of an element to YUV 175.5280, 2.2047, -53.9601 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, 206, 180) }
```


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

```
.border{ border-color:rgb(114, 206, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 206, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 206, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 206, 180);  
box-shadow:4px 4px 4px 4px rgb(114, 206,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 175.5280, 2.2047, -53.9601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 206, 180) }
```

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

```
.background{ background-color: rgb(114,  
206, 180) }
```

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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