

Converting Colors

YUV(180.5850, 12.5296,
-52.2560)

Have a look what the booklet for
YUV(180.5850, 12.5296, -52.2560)
contains.

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Color

**YUV(180.5850, 12.5296,
-52.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	79CECE
RGB	121, 206, 206
RGB Percent	47%, 81%, 81%
CMY	0.5255, 0.1922, 0.1922
CMYK	0.41, 0.00, 0.00, 0.19
HSL	180°, 46%, 64%
HSV	180°, 41%, 81%
XYZ	41.0970, 52.6638, 66.3916
YIQ	180.5850, -50.6600, -18.0200

Conversions

Conversions Part 2

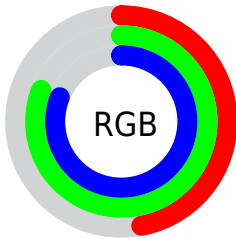
Format	Color
R_{YB}	121, 164, 206
Decimal	7982798
CIE _{Lab}	77.68, -25.69, -8.09
CIE _{LCh}	78, 26.930, 197.471
Yxy	52.6638, 0.2566, 0.3288
Android (android.graphics.Color)	4286172878 (0xFF79CECE)
YUV	180.5850, 12.5296, -52.2560
Hunter-Lab	72.5698, -25.9108, -3.4435

Details

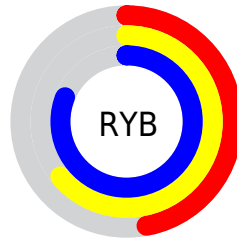
The YUV color **180.5850, 12.5296, -52.2560** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **146.4150, -12.5296, 52.2560**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.9770, 11.3503, -47.3378**, and **125.1010, 13.2612, -53.5856** is the 20% darker color. If you saturate the color by 10%, you get **174.3060, 15.6251, -65.1664**, and if you desaturate by 10%, it is **186.8640, 9.4340, -39.3457**.

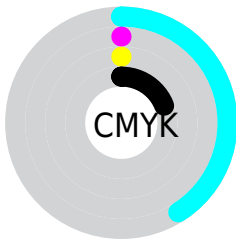
Distribution



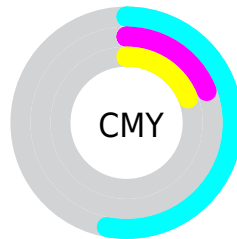
- Red (47%)
- Green (81%)
- Blue (81%)



- Red (47%)
- Yellow (64%)
- Blue (81%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.5850, 12.5296, -52.2560 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 180.5850, 12.5296, -52.2560 by changing the saturation by 10% instead.

■ 180.5850, 12.5296,
-52.2560

■ 180.5850, 12.5296,
-52.2560

■ 255.0000, 0.0000,
0.0000

■ 152.6990, 12.9664,
-52.3560

■ 231.9770, 11.3503,
-47.3378

■ 125.1010, 13.2612,
-53.5856

■ 240.3490, 7.2229,
-30.1241

■ 97.0080, 14.2931,
-57.8890

■ 249.3190, 2.8007,
-11.6808

■ 70.2140, 15.1775,
-61.5777

■ 53.3900, 11.6397,
-46.8230

■ 37.2670, 8.2494,
-32.6832

■ 23.1330, 4.8644,

-20.2876

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 180.5850, 12.5296,
-52.2560

■ 180.5850, 12.5296,
-52.2560

■ 174.3060, 15.6251,
-65.1664

■ 186.8640, 9.4340,
-39.3457

■ 168.3260, 18.5733,
-77.4619

■ 192.8440, 6.4859,
-27.0502

■ 162.0470, 21.6688,
-90.3722

■ 199.1230, 3.3904,
-14.1399

■ 156.0670, 24.6170,
-102.6678

■ 205.1030, 0.4422,
-1.8443

■ 149.7880, 27.7125,
-115.5781

■ 211.3820, -2.6533,
11.0660

■ 144.4060, 30.3658,
-126.6441

■ 217.6610, -5.7489,
23.9763

■ 220.6510, -7.2229,
30.1241

Harmonies

Analogous

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



182.4160, -1.1911, -38.0758



180.5850, 12.5296, -52.2560



181.9300, 22.7125, -51.6816

Triad

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



180.5850, 12.5296, -52.2560



195.9970, 14.7915, 15.7886



191.9650, -23.6467, 24.5867

Complementary

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



180.5850, 12.5296, -52.2560



146.4150, -12.5296, 52.2560

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.



193.7200, -18.5960, 37.9566



180.5850, 12.5296, -52.2560



196.2460, 3.8227, 33.9873

Square

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



180.5850, 12.5296, -52.2560



192.6070, 22.8717, -9.3023



195.0870, -8.4239, 42.0197



189.1860, -22.2767, 5.0989

Rectangle

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



180.5850, 12.5296, -52.2560



185.3810, 25.4482, -42.4301



195.0870, -8.4239, 42.0197



192.6390, -22.5000, 30.1346

Sweetspot

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



180.5850, 12.5296, -52.2560



245.7310, 4.5696, -19.0581



170.8950, -24.5982, -43.7579



122.6180, 2.6533, -11.0660



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.



180.5850, 12.5296, -52.2560



217.0270, 18.7207, -78.0767



155.3440, 24.9734, -30.1197



99.0100, 1.4741, -6.1478



116.3660, 24.4696, -102.0530



26.6380, 5.6015, -23.3615

Inverse Universe

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



156.1050, 24.5982, 43.7579



180.4510, 36.7527, 65.3795



171.0690, -24.6840, 30.6345



96.1300, 2.8939, 5.1480



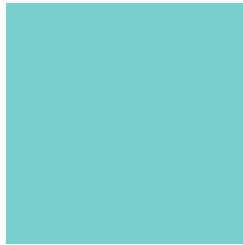
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 180.5850, 12.5296, -52.2560 looks on a white background.

Color Contrast Check

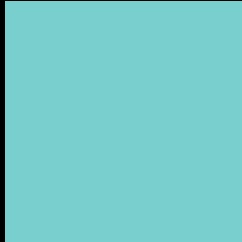
Large Text (above 18pt) WCAG AA × Fail

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 180.5850, 12.5296, -52.2560 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

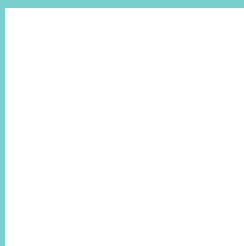
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.5850, 12.5296, -52.2560

Background



This preview shows how black text looks on a background with the YUV color 180.5850, 12.5296, -52.2560.



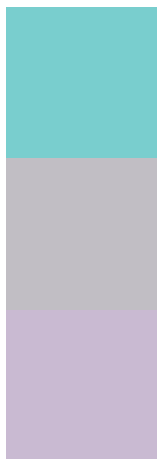
This preview shows how white text looks on a background with the YUV color 180.5850, 12.5296, -52.2560.

-52.2560.

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

180.5850, 12.5296, -52.2560

Protanopia

191.5810, 2.1786, 1.2445

Deuteranopia

193.2210, 8.2720, 6.8222



Tritanopia

182.2030, 18.6339, -50.1670

Trichromacy



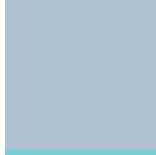
Original Color

180.5850, 12.5296, -52.2560



Protanomaly

187.7850, 6.0220, -18.2284



Deuteranomaly

188.5450, 10.0843, -14.5100



Tritanomaly

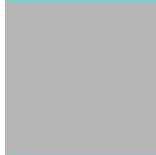
181.9210, 16.3079, -50.7967

Monochromacy



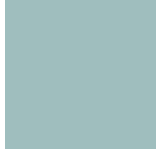
Original Color

180.5850, 12.5296, -52.2560



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.7310, 4.5696, -19.0581

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.5850, 12.5296, -52.2560 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(121, 206, 206)` looks like.

```
.text, #text, p{  
    color:rgb(121, 206, 206)  
}
```

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(121, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 206, 206) }
```

Border

The CSS property to change the border of an element to YUV 180.5850, 12.5296, -52.2560 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(121, 206, 206) }
```


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

```
.border{ border-color:rgb(121, 206, 206) }
```

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

Here you see how a box with a 4 pixel rgb(121, 206, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(121, 206,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 180.5850, 12.5296, -52.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 206, 206) }
```

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

```
.background{ background-color: rgb(121,  
206, 206) }
```

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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