

Converting Colors

YUV(180.8730, 12.3876,
-53.3856)

Have a look what the booklet for
YUV(180.8730, 12.3876, -53.3856)
contains.

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Color

**YUV(180.8730, 12.3876,
-53.3856)**

Conversions

Conversions Part 1

Format	Color
Hex	78CFCE
RGB	120, 207, 206
RGB Percent	47%, 81%, 81%
CMY	0.5294, 0.1882, 0.1922
CMYK	0.42, 0.00, 0.00, 0.19
HSL	179°, 48%, 64%
HSV	179°, 42%, 81%
XYZ	41.1991, 53.0749, 66.4656
YIQ	180.8730, -51.5310, -18.7550

Conversions

Conversions Part 2

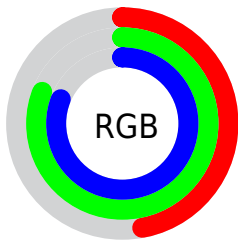
Format	Color
RYB	120, 164, 207
Decimal	7917518
CIELab	77.92, -26.42, -7.73
CIELCh	78, 27.530, 196.305
Yxy	53.0749, 0.2563, 0.3302
Android (android.graphics.Color)	4286107598 (0xFF78CFCE)
YUV	180.8730, 12.3876, -53.3856
Hunter-Lab	72.8526, -26.5477, -3.0953

Details

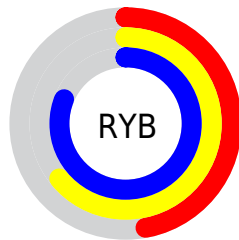
The YUV color **180.8730, 12.3876, -53.3856** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **146.1270, -12.3876, 53.3856**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6780, 11.4977, -47.9526**, and **125.3890, 13.1192, -54.7152** is the 20% darker color. If you saturate the color by 10%, you get **174.5940, 15.4832, -66.2959**, and if you desaturate by 10%, it is **187.1520, 9.2921, -40.4753**.

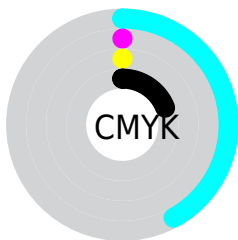
Distribution



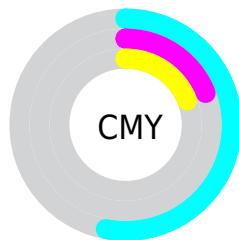
- Red (47%)
- Green (81%)
- Blue (81%)



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



- Cyan (42%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 180.8730, 12.3876, -53.3856 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 180.8730, 12.3876, -53.3856 by changing the saturation by 10% instead.

180.8730, 12.3876,
-53.3856

180.8730, 12.3876,
-53.3856

255.0000, 0.0000,
0.0000

152.9870, 12.8244,
-53.4856

231.6780, 11.4977,
-47.9526

125.3890, 13.1192,
-54.7152

240.3490, 7.2229,
-30.1241

96.9970, 14.2985,
-59.6334

249.0200, 2.9481,
-12.2955

70.8010, 14.8881,
-62.0925

53.9770, 11.3503,
-47.3378

37.2670, 8.2494,
-32.6832

23.1330, 4.8644,

-20.2876

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 180.8730, 12.3876,
-53.3856

■ 180.8730, 12.3876,
-53.3856

■ 174.5940, 15.4832,
-66.2959

■ 187.1520, 9.2921,
-40.4753

■ 168.6140, 18.4313,
-78.5915

■ 193.1320, 6.3439,
-28.1798

■ 162.2210, 21.0900,
-91.4018

■ 199.5250, 3.6852,
-15.3694

■ 155.9420, 24.1856,
-104.3121

■ 205.8040, 0.5896,
-2.4591

■ 149.9620, 27.1337,
-116.6077

■ 211.7840, -2.3585,
9.8364

■ 144.8790, 29.6397,
-127.0589

■ 218.0630, -5.4541,
22.7467

■ 221.4660, -6.6387,
29.4093

Harmonies

Analogous

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



183.3020, -1.6279, -37.9759



180.8730, 12.3876, -53.3856



182.0330, 23.1547, -53.5259

Triad

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



180.8730, 12.3876, -53.3856



196.2250, 15.6651, 15.5887



192.4490, -24.3784, 25.9162

Complementary

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



180.8730, 12.3876, -53.3856



146.1270, -12.3876, 53.3856

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.



194.4320, -18.4540, 39.0861



180.8730, 12.3876, -53.3856



196.6590, 4.1121, 34.5021

Square

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



180.8730, 12.3876, -53.3856



193.1230, 23.6034, -10.6319



195.7990, -8.2819, 43.1493



189.6700, -23.0083, 6.4284

Rectangle

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



180.8730, 12.3876, -53.3856



185.5980, 26.3272, -44.3744



195.7990, -8.2819, 43.1493



193.2370, -22.7948, 31.3642

Sweetspot

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



180.8730, 12.3876, -53.3856



245.1330, 4.8644, -20.2876



171.3680, -25.3244, -44.1727



121.6070, 2.6587, -12.8103



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.



180.8730, 12.3876, -53.3856



216.9130, 18.2839, -77.9767



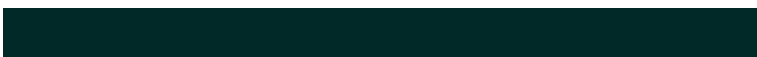
156.3330, 24.9788, -31.8640



101.5970, 1.1847, -6.6626



117.5400, 23.8908, -103.0826



28.6270, 5.6069, -25.1059

Inverse Universe

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



146.1270, -12.3876, 53.3856



166.0870, -18.2839, 77.9767



170.6670, -24.9788, 31.8640



97.2890, -1.6215, 6.7625



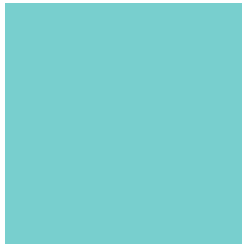
50.4600, -23.8908, 103.0826



12.2590, -6.0437, 25.2059

Previews

White Background



This preview shows how the YUV color 180.8730, 12.3876, -53.3856 looks on a white background.

Color Contrast Check

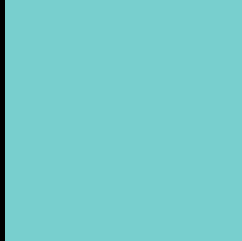
Large Text (above 18pt) WCAG AA × Fail

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 180.8730, 12.3876, -53.3856 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

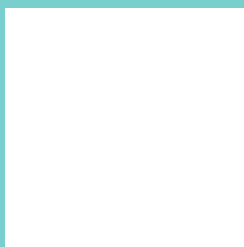
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.8730, 12.3876, -53.3856

Background



This preview shows how black text looks on a background with the YUV color 180.8730, 12.3876, -53.3856.



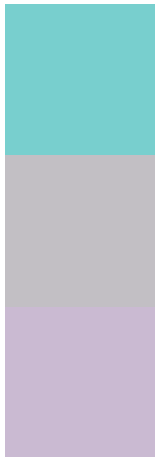
This preview shows how white text looks on a background with the YUV color 180.8730, 12.3876, -53.3856.

-53.3856.

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

180.8730, 12.3876, -53.3856

Protanopia

192.4670, 1.7418, 1.3444

Deuteranopia

193.5200, 8.1246, 7.4370



Tritanopia

182.6050, 18.9287, -51.3966

Trichromacy



Original Color

180.8730, 12.3876, -53.3856

Protanomaly

188.3720, 5.7326, -18.7432

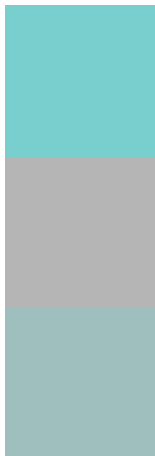
Deuteranomaly

189.1320, 9.7949, -15.0248

Tritanomaly

182.3230, 16.6028, -52.0263

Monochromacy



Original Color

180.8730, 12.3876, -53.3856

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 180.8730, 12.3876, -53.3856 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(120, 207, 206)` looks like.

```
.text, #text, p{  
    color:rgb(120, 207, 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(120, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 207, 206) }
```

Border

The CSS property to change the border of an element to YUV 180.8730, 12.3876, -53.3856 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(120, 207, 206) }
```


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

```
.border{ border-color:rgb(120, 207, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 207, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 207, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 207, 206);  
box-shadow:4px 4px 4px 4px rgb(120, 207,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 180.8730, 12.3876, -53.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 207, 206) }
```

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

```
.background{ background-color: rgb(120,  
207, 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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