

Converting Colors

YUV(173.5850, 12.5296,
-52.2560)

Have a look what the booklet for
YUV(173.5850, 12.5296, -52.2560)
contains.

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Color

**YUV(173.5850, 12.5296,
-52.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	72C7C7
RGB	114, 199, 199
RGB Percent	45%, 78%, 78%
CMY	0.5529, 0.2196, 0.2196
CMYK	0.43, 0.00, 0.00, 0.22
HSL	180°, 43%, 61%
HSV	180°, 43%, 78%
XYZ	37.6717, 48.5478, 61.4180
YIQ	173.5850, -50.6600, -18.0200

Conversions

Conversions Part 2

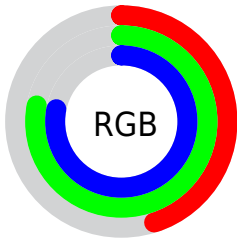
Format	Color
RYB	114, 157, 199
Decimal	7522247
CIELab	75.17, -25.69, -8.06
CIELCh	75, 26.927, 197.422
Yxy	48.5478, 0.2552, 0.3288
Android (android.graphics.Color)	4285712327 (0xFF72C7C7)
YUV	173.5850, 12.5296, -52.2560
Hunter-Lab	69.6762, -25.4243, -3.4894

Details

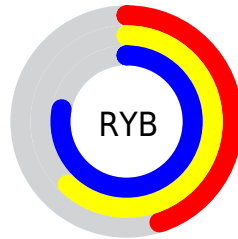
The YUV color **173.5850, 12.5296, -52.2560** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **139.4150, -12.5296, 52.2560**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5850, 12.5296, -52.2560**, and **118.6880, 12.9718, -54.1004** is the 20% darker color. If you saturate the color by 10%, you get **167.6050, 15.4777, -64.5516**, and if you desaturate by 10%, it is **179.5650, 9.5815, -39.9605**.

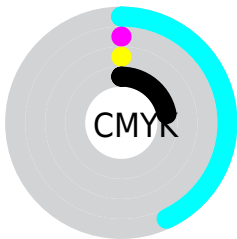
Distribution



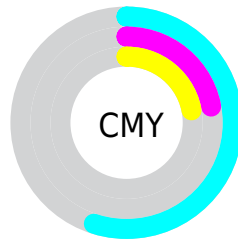
- Red (45%)
- Green (78%)
- Blue (78%)



- Red (45%)
- Yellow (62%)
- Blue (78%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (55%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5850, 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 173.5850, 12.5296, -52.2560 by changing the saturation by 10% instead.

■ 173.5850, 12.5296,
-52.2560

■ 173.5850, 12.5296,
-52.2560

255.0000, 0.0000,
0.0000

■ 146.2860, 12.6770,
-52.8708

■ 229.5850, 12.5296,
-52.2560

■ 118.6880, 12.9718,
-54.1004

■ 238.2560, 8.2548,
-34.4275

■ 89.8120, 14.8827,
-60.3481

■ 246.9270, 3.9800,
-16.5990

■ 66.0080, 14.2931,
-57.8890

■ 49.1840, 10.7553,
-43.1344

■ 33.1750, 7.8017,
-29.0945

■ 19.0410, 4.4168,

-16.6990

■ 0.0000, 0.0000,
0.0000

■ 173.5850, 12.5296,
-52.2560

■ 173.5850, 12.5296,
-52.2560

■ 167.6050, 15.4777,
-64.5516

■ 179.5650, 9.5815,
-39.9605

■ 161.6250, 18.4259,
-76.8471

■ 185.5450, 6.6333,
-27.6650

■ 155.6450, 21.3740,
-89.1427

■ 191.5250, 3.6852,
-15.3694

■ 149.6650, 24.3222,
-101.4382

■ 197.5050, 0.7370,
-3.0739

■ 143.9840, 27.1229,
-113.1190

■ 203.4850, -2.2111,
9.2217

■ 139.4990, 29.3340,
-122.3406

■ 209.1660, -5.0118,
20.9024

■ 215.1460, -7.9600,
33.1980

■ 215.7440, -8.2548,
34.4275

Harmonies

Analogous

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



175.7150, -1.3385, -37.4611



173.5850, 12.5296, -52.2560



174.9300, 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.



173.5850, 12.5296, -52.2560



188.9970, 14.7915, 15.7886



184.9650, -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.



173.5850, 12.5296, -52.2560



139.4150, -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.



186.8340, -18.1592, 37.8566



173.5850, 12.5296, -52.2560



189.2460, 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.



173.5850, 12.5296, -52.2560



185.6070, 22.8717, -9.3023



188.0870, -8.4239, 42.0197



182.3000, -21.8399, 4.9989

Rectangle

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



173.5850, 12.5296, -52.2560



178.3810, 25.4482, -42.4301



188.0870, -8.4239, 42.0197



185.6390, -22.5000, 30.1346

Sweetspot

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



173.5850, 12.5296, -52.2560



245.1330, 4.8644, -20.2876



163.8950, -24.5982, -43.7579



121.7210, 3.0955, -12.9103



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.



173.5850, 12.5296, -52.2560



216.1300, 19.1629, -79.9210



148.9310, 24.6840, -30.6345



96.3090, 1.3267, -5.5330



114.2630, 24.0273, -100.2087



25.2360, 5.3067, -22.1320

Inverse Universe

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



149.1050, 24.5982, 43.7579



178.6900, 37.6208, 66.9239



164.6560, -24.9734, 30.1197



93.7170, 2.6045, 4.6332



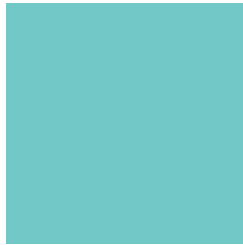
67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 173.5850, 12.5296, -52.2560 looks on a white background.

Color Contrast Check

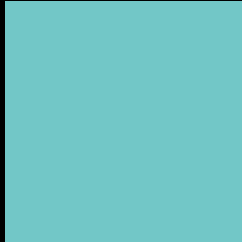
Large Text (above 18pt) WCAG AA × Fail

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 173.5850, 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 173.5850, 12.5296, -52.2560

Background



This preview shows how black text looks on a background with the YUV color 173.5850, 12.5296, -52.2560.



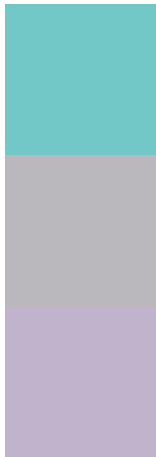
This preview shows how white text looks on a background with the YUV color 173.5850, 12.5296, -52.2560.

-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

173.5850, 12.5296, -52.2560

Protanopia

184.5810, 2.1786, 1.2445

Deuteranopia

185.9220, 8.4195, 6.2074



Tritanopia

175.2030, 18.6339, -50.1670

Trichromacy



Original Color

173.5850, 12.5296, -52.2560

Protanomaly

180.7850, 6.0220, -18.2284

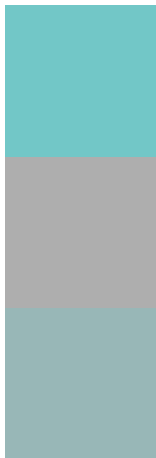
Deuteranomaly

181.2460, 10.2317, -15.1247

Tritanomaly

174.9210, 16.3079, -50.7967

Monochromacy



Original Color

173.5850, 12.5296, -52.2560

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.7310, 4.5696, -19.0581

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5850, 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(114, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(114, 199, 199)  
}
```

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, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 199, 199) }
```

Border

The CSS property to change the border of an element to YUV 173.5850, 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(114, 199, 199) }
```


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

```
.border{ border-color:rgb(114, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(114, 199,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 173.5850, 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(114, 199, 199) }
```

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

```
.background{ background-color: rgb(114,  
199, 199) }
```

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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