

Converting Colors

YUV(173.6530, 2.6361,
-52.3157)

Have a look what the booklet for
YUV(173.6530, 2.6361, -52.3157)
contains.

YUV(173.6530, 2.6361, -52.3157)	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(173.6530, 2.6361,
-52.3157)**

Conversions

Conversions Part 1

Format	Color
Hex	72CBB3
RGB	114, 203, 179
RGB Percent	45%, 80%, 70%
CMY	0.5529, 0.2039, 0.2980
CMYK	0.44, 0.00, 0.12, 0.20
HSL	164°, 46%, 62%
HSV	164°, 44%, 80%
XYZ	36.4320, 49.5440, 50.2906
YIQ	173.6530, -45.3400, -26.3320

Conversions

Conversions Part 2

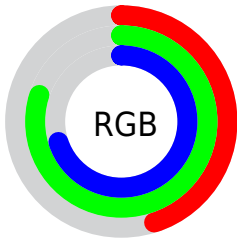
Format	Color
RYB	114, 165, 203
Decimal	7523251
CIELab	75.79, -32.44, 3.66
CIELCh	76, 32.641, 173.566
Yxy	49.5440, 0.2674, 0.3636
Android (android.graphics.Color)	4285713331 (0xFF72CBB3)
YUV	173.6530, 2.6361, -52.3157
Hunter-Lab	70.3875, -30.7877, 6.9096

Details

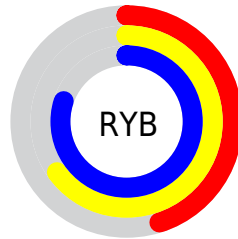
The YUV color **173.6530, 2.6361, -52.3157** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **143.3470, -2.6361, 52.3157**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.3050, 3.7936, -50.2565**, and **118.5820, 3.6571, -53.1304** is the 20% darker color. If you saturate the color by 10%, you get **167.1030, 3.4002, -64.1113**, and if you desaturate by 10%, it is **180.2030, 1.8719, -40.5200**.

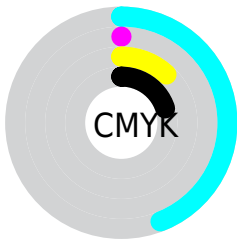
Distribution



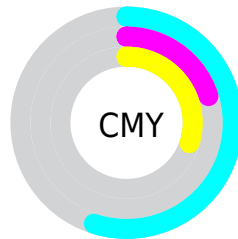
- Red (45%)
- Green (80%)
- Blue (70%)



- Red (45%)
- Yellow (65%)
- Blue (80%)



- Cyan (44%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)



- Cyan (55%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.6530, 2.6361, -52.3157 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 173.6530, 2.6361, -52.3157 by changing the saturation by 10% instead.

■ 173.6530, 2.6361,
-52.3157

■ 173.6530, 2.6361,
-52.3157

■ 255.0000, 0.0000,
0.0000

■ 145.7670, 3.0729,
-52.4157

■ 227.3050, 3.7936,
-50.2565

■ 118.5820, 3.6571,
-53.1304

■ 238.2560, 8.2548,
-34.4275

■ 90.3040, 5.2731,
-58.1486

■ 246.9270, 3.9800,
-16.5990

■ 65.7170, 5.5625,
-57.6338

■ 49.1210, 2.8983,
-43.0791

■ 32.5250, 0.2342,
-28.5244

■ 18.2770, -3.5876,

-16.0289

■ 0.0000, 0.0000,
0.0000

■ 173.6530, 2.6361,
-52.3157

■ 173.6530, 2.6361,
-52.3157

■ 167.1030, 3.4002,
-64.1113

■ 180.2030, 1.8719,
-40.5200

■ 160.1400, 3.8750,
-76.4218

■ 187.1660, 1.3972,
-28.2096

■ 153.5900, 4.6391,
-88.2174

■ 193.7160, 0.6330,
-16.4139

■ 146.9260, 4.9665,
-99.9131

■ 200.3800, 0.3057,
-4.7183

■ 140.0770, 5.8780,
-112.3235


■ 207.2290, -0.6059,
7.6922

 136.0330, 5.8997,
-119.3009

 213.8930, -0.9332,
19.3878

 220.1440, -1.5500,
30.5687

 220.8280, 1.0708,
29.9688

 221.3980, 3.2548,
29.4690

Harmonies

Analogous

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



178.4640, -14.0328, -25.8399



173.6530, 2.6361, -52.3157



170.0110, 19.7146, -70.1696

Triad

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



173.6530, 2.6361, -52.3157



188.2530, 26.4973, -5.4839



188.2600, -24.2852, 42.7450

Complementary

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



173.6530, 2.6361, -52.3157



143.3470, -2.6361, 52.3157

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.



189.9910, -12.8136, 49.9969



173.6530, 2.6361, -52.3157



191.2800, 15.6380, 24.3104

Square

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



173.6530, 2.6361, -52.3157



181.7110, 31.6945, -39.2115



191.1440, 1.9010, 43.7237



185.8850, -29.0303, 24.6569

Rectangle

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



173.6530, 2.6361, -52.3157



171.3730, 27.4241, -69.6101



191.1440, 1.9010, 43.7237



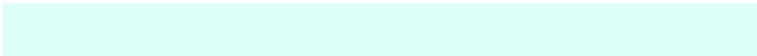
188.9060, -20.6597, 46.5634

Sweetspot

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



173.6530, 2.6361, -52.3157



244.1070, 0.9332, -19.3878



173.7180, -29.4410, -30.4477



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.



173.6530, 2.6361, -52.3157



210.5310, 4.1752, -79.3957



165.2360, 18.6177, -44.9340



98.6680, 0.1637, -5.8478



111.2360, 4.8137, -97.5540



25.4980, 1.2335, -22.3617

Inverse Universe

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



143.3470, -2.6361, 52.3157



164.4690, -4.1752, 79.3957



151.7640, -18.6177, 44.9340



95.3320, -0.1637, 5.8478



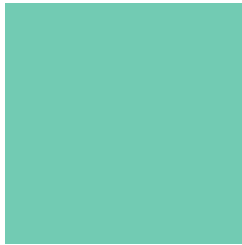
54.7640, -4.8137, 97.5540



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 173.6530, 2.6361, -52.3157 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 173.6530, 2.6361, -52.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

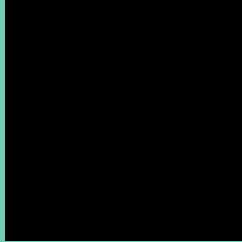
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.6530, 2.6361, -52.3157

Background



This preview shows how black text looks on a background with the YUV color 173.6530, 2.6361, -52.3157.



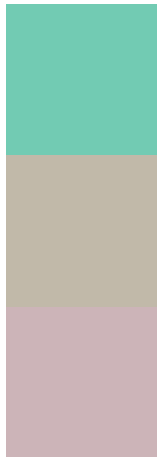
This preview shows how white text looks on a background with the YUV color 173.6530, 2.6361, -52.3157.

-52.3157.

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

173.6530, 2.6361, -52.3157

Protanopia

185.5680, -8.1680, 6.5179

Deuteranopia

187.6320, -1.7906, 14.3547



Tritanopia

177.3990, 18.0443, -47.7079

Trichromacy



Original Color

173.6530, 2.6361, -52.3157



Protanomaly

181.4620, -4.1718, -15.3142



Deuteranomaly

182.2330, -0.1149, -9.8513



Tritanomaly

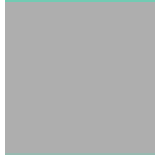
176.1940, 12.2294, -49.2821

Monochromacy



Original Color

173.6530, 2.6361, -52.3157



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.1070, 0.9332, -19.3878

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.6530, 2.6361, -52.3157 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, 203, 179)` looks like.

```
.text, #text, p{  
    color:rgb(114, 203, 179)  
}
```

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, 203, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 203, 179) }
```

Border

The CSS property to change the border of an element to YUV 173.6530, 2.6361, -52.3157 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, 203, 179) }
```


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

```
.border{ border-color:rgb(114, 203, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 203, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 203, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 203, 179);  
box-shadow:4px 4px 4px 4px rgb(114, 203,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 173.6530, 2.6361, -52.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 203, 179) }
```

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

```
.background{ background-color: rgb(114,  
203, 179) }
```

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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