

Converting Colors

YUV(173.5020, 15.0355,
-62.7073)

Have a look what the booklet for
YUV(173.5020, 15.0355, -62.7073)
contains.

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Color

**YUV(173.5020, 15.0355,
-62.7073)**

Conversions

Conversions Part 1

Format	Color
Hex	66CCCC
RGB	102, 204, 204
RGB Percent	40%, 80%, 80%
CMY	0.6000, 0.2000, 0.2000
CMYK	0.50, 0.00, 0.00, 0.20
HSL	180°, 50%, 60%
HSV	180°, 50%, 80%
XYZ	37.9714, 50.3701, 64.8478
YIQ	173.5020, -60.7920, -21.6240

Conversions

Conversions Part 2

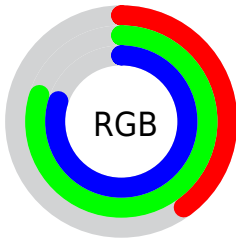
Format	Color
RYB	102, 153, 204
Decimal	6737100
CIELab	76.30, -29.58, -9.14
CIELCh	76, 30.957, 197.172
Yxy	50.3701, 0.2479, 0.3288
Android (android.graphics.Color)	4284927180 (0xFF66CCCC)
YUV	173.5020, 15.0355, -62.7073
Hunter-Lab	70.9719, -28.6997, -4.4936

Details

The YUV color **173.5020, 15.0355, -62.7073** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **132.4980, -15.0355, 62.7073**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5950, 14.0037, -58.4038**, and **115.6260, 16.9464, -68.9550** is the 20% darker color. If you saturate the color by 10%, you get **167.5220, 17.9837, -75.0028**, and if you desaturate by 10%, it is **179.4820, 12.0874, -50.4117**.

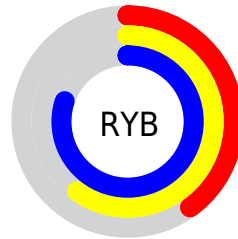
Distribution



Red (40%)

Green (80%)

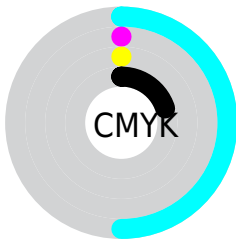
Blue (80%)



Red (40%)

Yellow (60%)

Blue (80%)

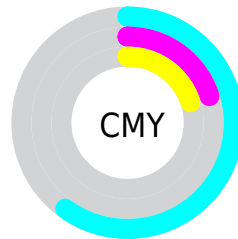


Cyan (50%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (60%)

Magenta (20%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5020, 15.0355, -62.7073 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 173.5020, 15.0355, -62.7073 by changing the saturation by 10% instead.

■ 173.5020, 15.0355,
-62.7073

■ 173.5020, 15.0355,
-62.7073

255.0000, 0.0000,
0.0000

■ 145.0180, 15.7671,
-64.0368

■ 226.5950, 14.0037,
-58.4038

■ 115.6260, 16.9464,
-68.9550

■ 235.2660, 9.7289,
-40.5753

■ 86.3370, 18.5679,
-75.7175

■ 244.2360, 5.3067,
-22.1320

■ 68.8120, 14.8827,
-60.3481

■ 253.2060, 0.8844,
-3.6887

■ 51.9880, 11.3449,
-45.5935

■ 35.3920, 8.6807,
-31.0388

■ 21.8450, 5.0064,

-19.1581

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 173.5020, 15.0355,
-62.7073

■ 173.5020, 15.0355,
-62.7073

■ 167.5220, 17.9837,
-75.0028

■ 179.4820, 12.0874,
-50.4117

■ 161.2430, 21.0792,
-87.9131

■ 185.7610, 8.9918,
-37.5014

■ 155.2630, 24.0273,
-100.2087

■ 191.7410, 6.0437,
-25.2059

■ 148.9840, 27.1229,
-113.1190

■ 198.0200, 2.9481,
-12.2955

■ 143.0040, 30.0710,
-125.4145

■ 204.0000, 0.0000,
0.0000

■ 209.9800, -2.9481,
12.2955

■ 216.2590, -6.0437,
25.2059

■ 219.2490, -7.5178,
31.3536

Harmonies

Analogous

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



177.0840, -1.0274, -43.9237



173.5020, 15.0355, -62.7073



174.8900, 26.6762, -63.0475

Triad

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



173.5020, 15.0355, -62.7073



191.9910, 17.2594, 17.5479



187.7760, -27.0046, 28.2604

Complementary

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



173.5020, 15.0355, -62.7073



132.4980, -15.0355, 62.7073

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.



189.7700, -21.0856, 43.1747



173.5020, 15.0355, -62.7073



192.5070, 4.6800, 39.0204

Square

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



173.5020, 15.0355, -62.7073



188.6220, 26.8084, -11.9465



191.3050, -9.0244, 47.9675



185.2740, -25.7711, 5.8987

Rectangle

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



173.5020, 15.0355, -62.7073



179.1780, 29.9852, -51.0221



191.3050, -9.0244, 47.9675



188.4500, -25.8578, 33.8084

Sweetspot

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



173.5020, 15.0355, -62.7073



243.6380, 5.6015, -23.3615



161.8740, -29.5179, -52.5095



121.1230, 3.3904, -14.1399



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.



173.5020, 15.0355, -62.7073



209.2530, 22.5533, -94.0609



143.5650, 29.7945, -36.4525



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.



144.1260, 29.5179, 52.5095



165.1890, 44.2768, 78.7642



162.4350, -29.7945, 36.4525



96.1300, 2.8939, 5.1480



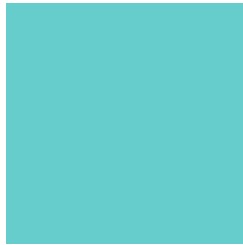
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 173.5020, 15.0355, -62.7073 looks on a white background.

Color Contrast Check

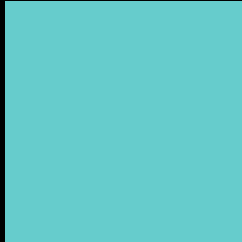
Large Text (above 18pt) WCAG AA × Fail

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 173.5020, 15.0355, -62.7073 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

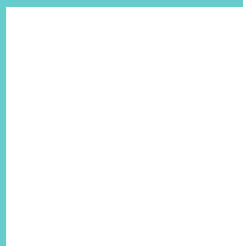
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 173.5020, 15.0355, -62.7073

Background



This preview shows how black text looks on a background with the YUV color 173.5020, 15.0355, -62.7073.

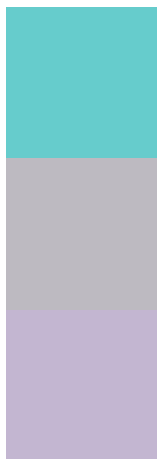


This preview shows how white text looks on a background with the YUV color 173.5020, 15.0355, -62.7073.

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

173.5020, 15.0355, -62.7073

Protanopia

187.6950, 2.6154, 1.1445

Deuteranopia

188.9650, 9.8773, 5.2927



Tritanopia

175.4190, 20.9924, -60.0035

Trichromacy



Original Color

173.5020, 15.0355, -62.7073



Protanomaly

182.6920, 7.0538, -22.5319



Deuteranomaly

183.2670, 11.7004, -19.5282



Tritanomaly

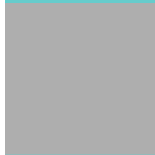
174.8380, 18.8139, -61.2479

Monochromacy



Original Color

173.5020, 15.0355, -62.7073



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.9370, 5.4541, -22.7467

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5020, 15.0355, -62.7073 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(102, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(102, 204, 204)  
}
```

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(102, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 204, 204) }
```

Border

The CSS property to change the border of an element to YUV 173.5020, 15.0355, -62.7073 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(102, 204, 204) }
```


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

```
.border{ border-color:rgb(102, 204, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(102, 204,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 173.5020, 15.0355, -62.7073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 204, 204) }
```

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

```
.background{ background-color: rgb(102,  
204, 204) }
```

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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