

Converting Colors

YUV(171.4920, 13.5614,
-56.5595)

Have a look what the booklet for
YUV(171.4920, 13.5614, -56.5595)
contains.

YUV(171.4920, 13.5614, -56.5595)	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(171.4920, 13.5614,
-56.5595)**

Conversions

Conversions Part 1

Format	Color
Hex	6BC7C7
RGB	107, 199, 199
RGB Percent	42%, 78%, 78%
CMY	0.5804, 0.2196, 0.2196
CMYK	0.46, 0.00, 0.00, 0.22
HSL	180°, 45%, 60%
HSV	180°, 46%, 78%
XYZ	36.7956, 48.0962, 61.3770
YIQ	171.4920, -54.8320, -19.5040

Conversions

Conversions Part 2

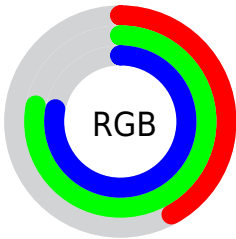
Format	Color
RYB	107, 153, 199
Decimal	7063495
CIELab	74.89, -27.34, -8.51
CIELCh	75, 28.634, 197.298
Yxy	48.0962, 0.2516, 0.3288
Android (android.graphics.Color)	4285253575 (0xFF6BC7C7)
YUV	171.4920, 13.5614, -56.5595
Hunter-Lab	69.3514, -26.6586, -3.9265

Details

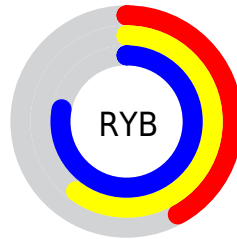
The YUV color **171.4920, 13.5614, -56.5595** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **134.5080, -13.5614, 56.5595**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7910, 13.4140, -55.9447**, and **115.6980, 14.4459, -60.2481** is the 20% darker color. If you saturate the color by 10%, you get **165.5120, 16.5096, -68.8550**, and if you desaturate by 10%, it is **177.4720, 10.6133, -44.2639**.

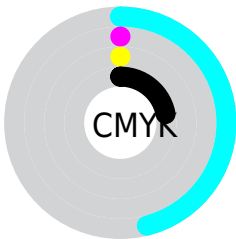
Distribution



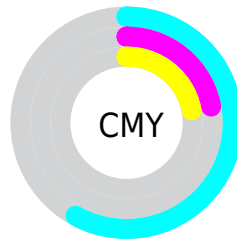
- Red (42%)
- Green (78%)
- Blue (78%)



- Red (42%)
- Yellow (60%)
- Blue (78%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.4920, 13.5614, -56.5595 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 171.4920, 13.5614, -56.5595 by changing the saturation by 10% instead.

■ 171.4920, 13.5614,
-56.5595

■ 171.4920, 13.5614,
-56.5595

■ 255.0000, 0.0000,
0.0000

■ 143.3070, 14.1456,
-57.2742

■ 227.7910, 13.4140,
-55.9447

■ 115.6980, 14.4459,
-60.2481

■ 236.4620, 9.1392,
-38.1162

■ 83.5330, 17.9782,
-73.2584

■ 245.1330, 4.8644,
-20.2876

■ 66.0080, 14.2931,
-57.8890

■ 254.1030, 0.4422,
-1.8443

■ 49.1840, 10.7553,
-43.1344

■ 33.1750, 7.8017,
-29.0945

■ 19.0410, 4.4168,

-16.6990

■ 0.0000, 0.0000,
0.0000

■ 171.4920, 13.5614,
-56.5595

■ 171.4920, 13.5614,
-56.5595

■ 165.5120, 16.5096,
-68.8550

■ 177.4720, 10.6133,
-44.2639

■ 159.5320, 19.4577,
-81.1506

■ 183.4520, 7.6652,
-31.9684

■ 153.5520, 22.4059,
-93.4461

■ 189.4320, 4.7170,
-19.6729

■ 147.5720, 25.3540,
-105.7416

■ 195.4120, 1.7689,
-7.3773

■ 141.8910, 28.1547,
-117.4224

■ 201.3920, -1.1793,
4.9182

■ 139.4990, 29.3340,
-122.3406

■ 207.0730, -3.9800,
16.5990

■ 213.0530, -6.9281,
28.8945

■ 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.



174.1060, -1.0383, -40.4350



171.4920, 13.5614, -56.5595



172.9510, 24.1812, -56.0850

Triad

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



171.4920, 13.5614, -56.5595



187.9370, 15.8071, 16.7183



184.2210, -25.2520, 26.1162

Complementary

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



171.4920, 13.5614, -56.5595



134.5080, -13.5614, 56.5595

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.



185.9160, -19.1856, 40.4157



171.4920, 13.5614, -56.5595



188.6700, 4.1067, 36.2464

Square

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



171.4920, 13.5614, -56.5595



185.2370, 24.0402, -10.7318



187.3970, -8.5767, 44.3788



181.2570, -23.2977, 5.9136

Rectangle

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



171.4920, 13.5614, -56.5595



177.1140, 27.0588, -45.7040



187.3970, -8.5767, 44.3788



184.8950, -24.1052, 31.6641

Sweetspot

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



171.4920, 13.5614, -56.5595



244.2360, 5.3067, -22.1320



161.0040, -26.6240, -47.3615



121.4220, 3.2430, -13.5251



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.



171.4920, 13.5614, -56.5595



213.1400, 20.6370, -86.0688



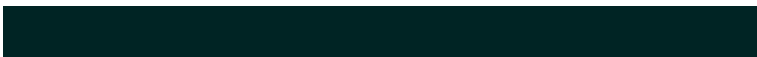
144.4900, 26.8734, -32.8787



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.



144.9960, 26.6240, 47.3615



172.8200, 40.5147, 72.0719



161.5100, -26.8734, 32.8787



93.7170, 2.6045, 4.6332



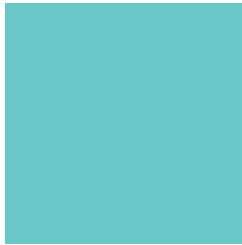
67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 171.4920, 13.5614, -56.5595 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 171.4920, 13.5614, -56.5595 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

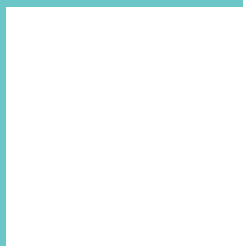
Any Text WCAG AAA ✓ Pass

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

YUV 171.4920, 13.5614, -56.5595 Background



This preview shows how black text looks on a background with the YUV color 171.4920, 13.5614, -56.5595.



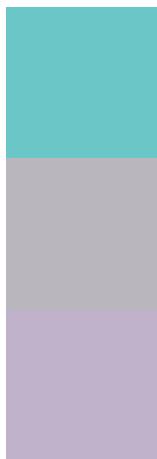
This preview shows how white text looks on a background with the YUV color 171.4920, 13.5614, -56.5595.

-56.5595.

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

171.4920, 13.5614, -56.5595

Protanopia

183.6950, 2.6154, 1.1445

Deuteranopia

185.0360, 8.8563, 6.1074



Tritanopia

173.1100, 19.6658, -54.4705

Trichromacy



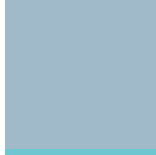
Original Color

171.4920, 13.5614, -56.5595



Protanomaly

179.3010, 6.7536, -19.5580



Deuteranomaly

180.3490, 10.6739, -16.9691



Tritanomaly

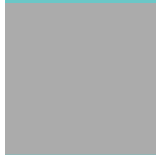
172.8280, 17.3398, -55.1002

Monochromacy



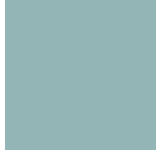
Original Color

171.4920, 13.5614, -56.5595



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

171.1330, 4.8644, -20.2876

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.4920, 13.5614, -56.5595 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(107, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(107, 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(107, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 199, 199) }
```

Border

The CSS property to change the border of an element to YUV 171.4920, 13.5614, -56.5595 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(107, 199, 199) }
```


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

```
.border{ border-color:rgb(107, 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(107, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(107, 199,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 171.4920, 13.5614, -56.5595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 199, 199) }
```

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

```
.background{ background-color: rgb(107,  
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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