

Converting Colors

YUV(187.5290, 17.4872,
-55.7149)

Have a look what the booklet for
YUV(187.5290, 17.4872, -55.7149)
contains.

YUV(187.5290, 17.4872, -55.7149)	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(187.5290, 17.4872,
-55.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	7CD5DF
RGB	124, 213, 223
RGB Percent	49%, 84%, 87%
CMY	0.5137, 0.1647, 0.1255
CMYK	0.44, 0.04, 0.00, 0.13
HSL	186°, 61%, 68%
HSV	186°, 44%, 87%
XYZ	45.4257, 57.2013, 78.4588
YIQ	187.5290, -56.2540, -15.7580

Conversions

Conversions Part 2

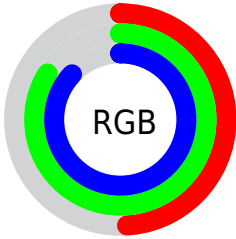
Format	Color
RYB	124, 171, 223
Decimal	8181215
CIELab	80.29, -24.13, -13.28
CIELCh	80, 27.546, 208.829
Yxy	57.2013, 0.2509, 0.3159
Android (android.graphics.Color)	4286371295 (0xFF7CD5DF)
YUV	187.5290, 17.4872, -55.7149
Hunter-Lab	75.6315, -25.1448, -8.5643

Details

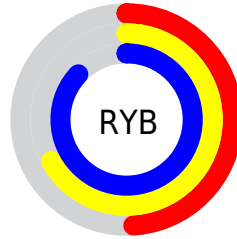
The YUV color **187.5290, 17.4872, -55.7149** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **159.4710, -17.4872, 55.7149**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8740, 10.9081, -45.4935**, and **131.6320, 17.9294, -57.5593** is the 20% darker color. If you saturate the color by 10%, you get **179.7770, 21.3089, -68.2104**, and if you desaturate by 10%, it is **195.2810, 13.6655, -43.2194**.

Distribution



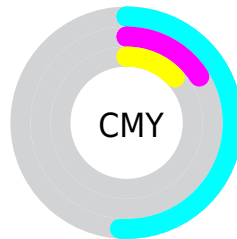
- Red (49%)
- Green (84%)
- Blue (87%)



- Red (49%)
- Yellow (67%)
- Blue (87%)



- Cyan (44%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.5290, 17.4872, -55.7149 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 187.5290, 17.4872, -55.7149 by changing the saturation by 10% instead.

187.5290, 17.4872,
-55.7149

187.5290, 17.4872,
-55.7149

255.0000, 0.0000,
0.0000

159.2300, 17.6346,
-56.3297

232.8740, 10.9081,
-45.4935

131.6320, 17.9294,
-57.5593

241.8440, 6.4859,
-27.0502

102.8270, 18.8193,
-62.9923

250.5150, 2.2111,
-9.2217

75.4460, 19.9931,
-66.1661

58.5080, 16.0186,
-51.3115

41.7980, 12.9176,
-36.6568

26.9630, 9.3852,

-23.6466

■ 4.7250, 10.4886,
-4.1438

■ 0.0000, 0.0000,
0.0000

■ 187.5290, 17.4872,
-55.7149

■ 187.5290, 17.4872,
-55.7149

■ 179.7770, 21.3089,
-68.2104

■ 195.2810, 13.6655,
-43.2194

■ 171.1390, 25.5675,
-80.8059

■ 203.9190, 9.4069,
-30.6240

■ 163.3870, 29.3892,
-93.3014

■ 211.6710, 5.5852,
-18.1285

■ 155.6350, 33.2109,
-105.7969

■ 219.4230, 1.7635,
-5.6330

■ 147.8830, 37.0327,
-118.2924

■ 227.4740, -2.2057,
7.4773

■ 142.8220, 39.5278,
-125.2549

■ 234.9160, -5.8746,
17.6137

■ 236.0900, -6.4534,
16.5841

■ 237.2640, -7.0322,
15.5545

■ 238.4380, -7.6109,
14.5249

Harmonies

Analogous

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



188.7400, 4.0722, -46.2530



187.5290, 17.4872, -55.7149



190.9350, 25.1750, -48.1780

Triad

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



187.5290, 17.4872, -55.7149



203.4280, 11.1280, 24.1806



197.9920, -24.6461, 18.4240

Complementary

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



187.5290, 17.4872, -55.7149



159.4710, -17.4872, 55.7149

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.



200.4870, -21.9321, 34.6529



187.5290, 17.4872, -55.7149



203.6120, -1.2877, 39.8053

Square

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



187.5290, 17.4872, -55.7149



201.5050, 20.9500, 0.4341



201.9470, -12.7919, 43.0195



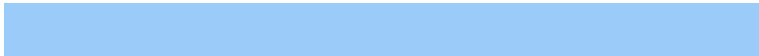
195.2990, -20.3604, -2.8932

Rectangle

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



187.5290, 17.4872, -55.7149



194.4790, 26.8789, -34.6231



201.9470, -12.7919, 43.0195



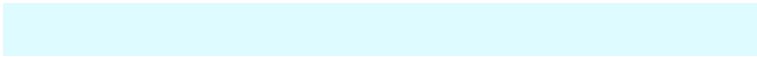
198.7370, -24.5203, 24.7867

Sweetspot

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



187.5290, 17.4872, -55.7149



243.3720, 5.7326, -18.7432



183.2530, -24.2817, -51.9649



119.9600, 3.9637, -11.3659



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.



187.5290, 17.4872, -55.7149



206.4170, 23.9514, -75.7877



158.7660, 31.6674, -30.4898



108.1240, 1.9109, -6.2477



112.8100, 31.1527, -98.9344



31.3000, 8.2331, -27.4501

Inverse Universe

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



163.7470, 24.2817, 51.9649



174.1590, 32.9526, 70.8976



188.2340, -31.6674, 30.4898



105.4290, 2.7465, 5.7628



70.6360, 43.0705, 92.4042



19.3680, 12.1436, 25.1103

Previews

White Background



This preview shows how the YUV color 187.5290, 17.4872, -55.7149 looks on a white background.

Color Contrast Check

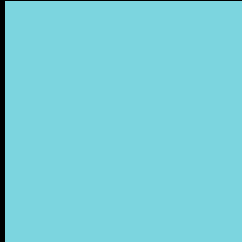
Large Text (above 18pt) WCAG AA × Fail

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 187.5290, 17.4872, -55.7149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

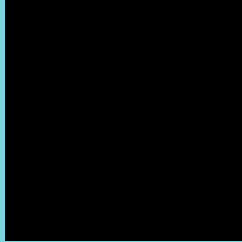
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.5290, 17.4872, -55.7149

Background



This preview shows how black text looks on a background with the YUV color 187.5290, 17.4872, -55.7149.

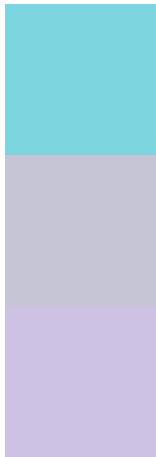


This preview shows how white text looks on a background with the YUV color 187.5290, 17.4872, -55.7149.

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

187.5290, 17.4872, -55.7149

Protanopia

198.8240, 6.9888, -1.5996

Deuteranopia

200.1650, 13.2297, 3.3633



Tritanopia

188.2240, 20.1026, -54.5704

Trichromacy



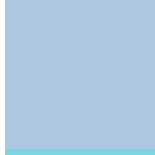
Original Color

187.5290, 17.4872, -55.7149



Protanomaly

194.7290, 10.9796, -21.6873



Deuteranomaly

195.4890, 15.0419, -17.9689



Tritanomaly

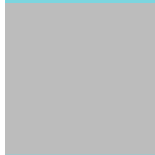
187.6970, 19.3764, -54.9853

Monochromacy



Original Color

187.5290, 17.4872, -55.7149



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.8880, 6.4642, -20.0728

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.5290, 17.4872, -55.7149 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(124, 213, 223)` looks like.

```
.text, #text, p{  
    color:rgb(124, 213, 223)  
}
```

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(124, 213, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 213, 223) }
```

Border

The CSS property to change the border of an element to YUV 187.5290, 17.4872, -55.7149 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(124, 213, 223) }
```


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

```
.border{ border-color:rgb(124, 213, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 213, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 213, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 213, 223);  
box-shadow:4px 4px 4px 4px rgb(124, 213,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 187.5290, 17.4872, -55.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 213, 223) }
```

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

```
.background{ background-color: rgb(124,  
213, 223) }
```

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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