

Converting Colors

YUV(181.0900, 13.2666,
-55.3299)

Have a look what the booklet for
YUV(181.0900, 13.2666, -55.3299)
contains.

YUV(181.0900, 13.2666, -55.3299)	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(181.0900, 13.2666,
-55.3299)**

Conversions

Conversions Part 1

Format	Color
Hex	76D0D0
RGB	118, 208, 208
RGB Percent	46%, 82%, 82%
CMY	0.5373, 0.1843, 0.1843
CMYK	0.43, 0.00, 0.00, 0.18
HSL	180°, 49%, 64%
HSV	180°, 43%, 82%
XYZ	41.4123, 53.5174, 67.8217
YIQ	181.0900, -53.6400, -19.0800

Conversions

Conversions Part 2

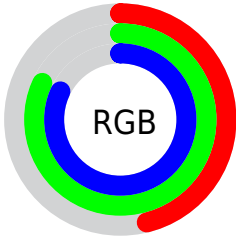
Format	Color
R _Y B	118, 163, 208
Decimal	7786704
CIE Lab	78.18, -26.89, -8.43
CIE LCh	78, 28.182, 197.397
Yxy	53.5174, 0.2545, 0.3288
Android (android.graphics.Color)	4285976784 (0xFF76D0D0)
YUV	181.0900, 13.2666, -55.3299
Hunter-Lab	73.1556, -26.9761, -3.7582

Details

The YUV color **181.0900, 13.2666, -55.3299** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **144.9100, -13.2666, 55.3299**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0800, 11.7926, -49.1822**, and **125.3070, 14.1456, -57.2742** is the 20% darker color. If you saturate the color by 10%, you get **174.8110, 16.3622, -68.2402**, and if you desaturate by 10%, it is **187.3690, 10.1711, -42.4196**.

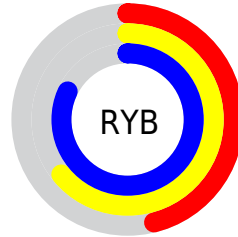
Distribution



Red (46%)

Green (82%)

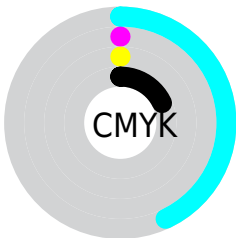
Blue (82%)



Red (46%)

Yellow (64%)

Blue (82%)

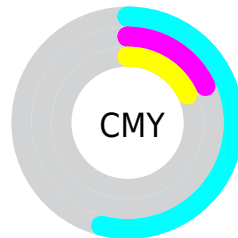


Cyan (43%)

Magenta (0%)

Yellow (0%)

Black (18%)



Cyan (54%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.0900, 13.2666, -55.3299 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 181.0900, 13.2666, -55.3299 by changing the saturation by 10% instead.

■ 181.0900, 13.2666,
-55.3299

■ 181.0900, 13.2666,
-55.3299

255.0000, 0.0000,
0.0000

■ 153.0900, 13.2666,
-55.3299

■ 231.0800, 11.7926,
-49.1822

■ 125.3070, 14.1456,
-57.2742

■ 239.7510, 7.5178,
-31.3536

■ 96.3170, 15.6197,
-63.4220

■ 248.4220, 3.2430,
-13.5251

■ 71.6160, 15.4723,
-62.8072

■ 54.2050, 12.2239,
-47.5378

■ 38.0820, 8.8336,
-33.3979

■ 23.8340, 5.0118,

-20.9024

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 181.0900, 13.2666,
-55.3299

■ 181.0900, 13.2666,
-55.3299

■ 174.8110, 16.3622,
-68.2402

■ 187.3690, 10.1711,
-42.4196

■ 168.5320, 19.4577,
-81.1506

■ 193.6480, 7.0755,
-29.5093

■ 162.5520, 22.4059,
-93.4461

■ 199.6280, 4.1274,
-17.2138

■ 156.2730, 25.5014,
-106.3564

■ 205.9070, 1.0318,
-4.3034

■ 149.9940, 28.5970,
-119.2667

■ 212.1860, -2.0637,
8.6069

■ 145.8080, 30.6607,
-127.8736

■ 218.4650, -5.1592,
21.5172

■ 222.0530, -6.9281,
28.8945

Harmonies

Analogous

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



183.4050, -1.1857, -39.8202



181.0900, 13.2666, -55.3299



182.5490, 23.8863, -54.8555

Triad

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



181.0900, 13.2666, -55.3299



197.5240, 15.5177, 16.2035



193.3350, -24.8152, 26.0162

Complementary

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



181.0900, 13.2666, -55.3299



144.9100, -13.2666, 55.3299

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.



195.5030, -19.4750, 39.9009



181.0900, 13.2666, -55.3299



197.6700, 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.



181.0900, 13.2666, -55.3299



194.2370, 24.0402, -10.7318



196.9840, -8.8661, 43.8640



190.2570, -23.2977, 5.9136

Rectangle

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



181.0900, 13.2666, -55.3299



185.8260, 27.2008, -44.5744



196.9840, -8.8661, 43.8640



194.0090, -23.6684, 31.5641

Sweetspot

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



181.0900, 13.2666, -55.3299



245.1330, 4.8644, -20.2876



170.8300, -26.0452, -46.3319



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.



181.0900, 13.2666, -55.3299



215.2330, 19.6051, -81.7653



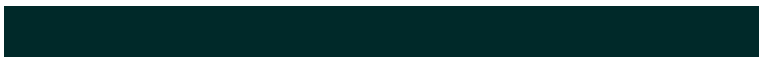
154.6750, 26.2892, -32.1640



101.7110, 1.6215, -6.7625



117.7680, 24.7644, -103.2825



28.7410, 6.0437, -25.2059

Inverse Universe

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



155.1700, 26.0452, 46.3319



176.9290, 38.4890, 68.4683



171.3250, -26.2892, 32.1640



98.5430, 3.1833, 5.6628



69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Previews

White Background



This preview shows how the YUV color 181.0900, 13.2666, -55.3299 looks on a white background.

Color Contrast Check

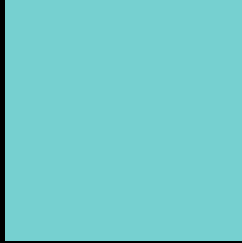
Large Text (above 18pt) WCAG AA × Fail

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 181.0900, 13.2666, -55.3299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

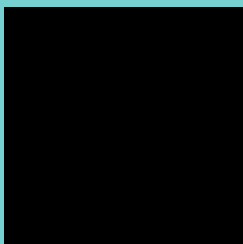
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

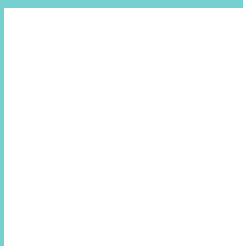
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 181.0900, 13.2666, -55.3299

Background



This preview shows how black text looks on a background with the YUV color 181.0900, 13.2666, -55.3299.



This preview shows how white text looks on a background with the YUV color 181.0900, 13.2666, -55.3299.

-55.3299.

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

181.0900, 13.2666, -55.3299

Protanopia

192.6950, 2.6154, 1.1445

Deuteranopia

194.3350, 8.7088, 6.7222



Tritanopia

182.7080, 19.3710, -53.2409

Trichromacy



Original Color

181.0900, 13.2666, -55.3299

Protanomaly

188.3010, 6.7536, -19.5580

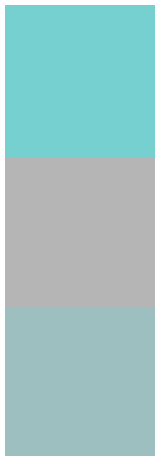
Deuteranomaly

189.6480, 10.5265, -16.3543

Tritanomaly

182.4260, 17.0450, -53.8706

Monochromacy



Original Color

181.0900, 13.2666, -55.3299

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.1330, 4.8644, -20.2876

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.0900, 13.2666, -55.3299 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(118, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(118, 208, 208)  
}
```

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(118, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 208, 208) }
```

Border

The CSS property to change the border of an element to YUV 181.0900, 13.2666, -55.3299 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(118, 208, 208) }
```


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

```
.border{ border-color:rgb(118, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 208, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 208, 208); box-shadow:4px 4px 4px 4px rgb(118, 208, 208) }
```

Background

The CSS property to change the background color of an element to YUV 181.0900, 13.2666, -55.3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 208, 208) }
```

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

```
.background{ background-color: rgb(118,  
208, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor