

Converting Colors

YUV(191.0900, 13.2666,
-55.3299)

Have a look what the booklet for
YUV(191.0900, 13.2666, -55.3299)
contains.

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Color

**YUV(191.0900, 13.2666,
-55.3299)**

Conversions

Conversions Part 1

Format	Color
Hex	80DADA
RGB	128, 218, 218
RGB Percent	50%, 85%, 85%
CMY	0.4980, 0.1451, 0.1451
CMYK	0.41, 0.00, 0.00, 0.15
HSL	180°, 55%, 68%
HSV	180°, 41%, 85%
XYZ	46.6284, 59.7940, 75.4135
YIQ	191.0900, -53.6400, -19.0800

Conversions

Conversions Part 2

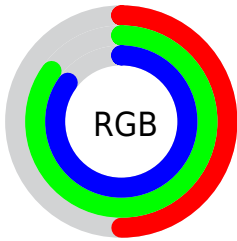
Format	Color
RYB	128, 173, 218
Decimal	8444634
CIELab	81.73, -26.89, -8.46
CIELCh	82, 28.190, 197.465
Yxy	59.7940, 0.2564, 0.3288
Android (android.graphics.Color)	4286634714 (0xFF80DADA)
YUV	191.0900, 13.2666, -55.3299
Hunter-Lab	77.3266, -27.6849, -3.6946

Details

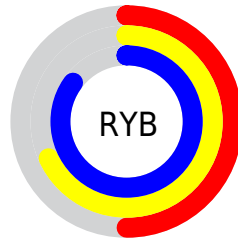
The YUV color **191.0900, 13.2666, -55.3299** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **154.9100, -13.2666, 55.3299**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0700, 10.3185, -43.0344**, and **135.4920, 13.5614, -56.5595** is the 20% darker color. If you saturate the color by 10%, you get **184.5120, 16.5096, -68.8550**, and if you desaturate by 10%, it is **197.6680, 10.0237, -41.8048**.

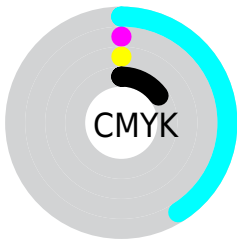
Distribution



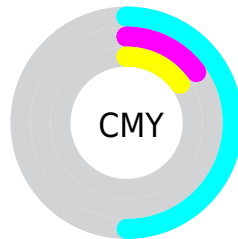
- Red (50%)
- Green (85%)
- Blue (85%)



- Red (50%)
- Yellow (68%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (50%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.0900, 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 191.0900, 13.2666, -55.3299 by changing the saturation by 10% instead.

■ 191.0900, 13.2666,
-55.3299

■ 191.0900, 13.2666,
-55.3299

■ 255.0000, 0.0000,
0.0000

■ 163.0900, 13.2666,
-55.3299

■ 234.0700, 10.3185,
-43.0344

■ 135.4920, 13.5614,
-56.5595

■ 242.7410, 6.0437,
-25.2059

■ 106.8120, 14.8827,
-60.3481

■ 251.7110, 1.6215,
-6.7625

■ 77.9250, 16.7990,
-68.3402

■ 60.4000, 13.1138,
-52.9708

■ 43.6900, 10.0128,
-38.3161

■ 28.2680, 6.7699,

-24.7910

■ 10.1390, 5.8475,
-8.8919

■ 0.0000, 0.0000,
0.0000

■ 191.0900, 13.2666,
-55.3299

■ 191.0900, 13.2666,
-55.3299

■ 184.5120, 16.5096,
-68.8550

■ 197.6680, 10.0237,
-41.8048

■ 177.9340, 19.7525,
-82.3801

■ 204.2460, 6.7807,
-28.2797

■ 171.6550, 22.8481,
-95.2904

■ 210.5250, 3.6852,
-15.3694

■ 165.0770, 26.0910,
-108.8155

■ 217.1030, 0.4422,
-1.8443

■ 158.4990, 29.3340,
-122.3406

■ 223.6810, -2.8007,
11.6808

■ 152.8180, 32.1347,
-134.0214

■ 229.0630, -5.4541,
22.7467

Harmonies

Analogous

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



193.4050, -1.1857, -39.8202



191.0900, 13.2666, -55.3299



192.5490, 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.



191.0900, 13.2666, -55.3299



206.9370, 15.8071, 16.7183



203.2210, -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.



191.0900, 13.2666, -55.3299



154.9100, -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.



204.8020, -19.6224, 40.5156



191.0900, 13.2666, -55.3299



207.5560, 3.6699, 36.3464

Square

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



191.0900, 13.2666, -55.3299



203.6500, 24.3295, -10.2171



205.6850, -8.7187, 43.2493



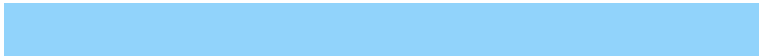
200.2570, -23.2977, 5.9136

Rectangle

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



191.0900, 13.2666, -55.3299



195.8260, 27.2008, -44.5744



205.6850, -8.7187, 43.2493



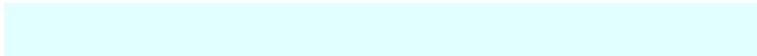
203.8950, -24.1052, 31.6641

Sweetspot

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



191.0900, 13.2666, -55.3299



245.7310, 4.5696, -19.0581



180.8300, -26.0452, -46.3319



122.6180, 2.6533, -11.0660



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.



191.0900, 13.2666, -55.3299



217.0270, 18.7207, -78.0767



164.6750, 26.2892, -32.1640



106.7110, 1.6215, -6.7625



121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Inverse Universe

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



165.1700, 26.0452, 46.3319



180.4510, 36.7527, 65.3795



181.3250, -26.2892, 32.1640



103.5430, 3.1833, 5.6628



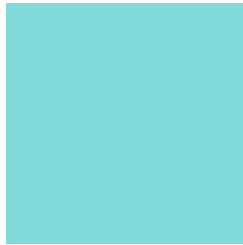
71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 191.0900, 13.2666, -55.3299 looks on a white background.

Color Contrast Check

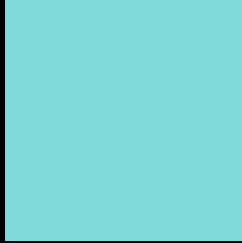
Large Text (above 18pt) WCAG AA × Fail

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 191.0900, 13.2666, -55.3299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

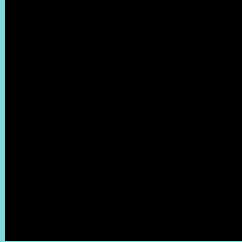
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.0900, 13.2666, -55.3299

Background



This preview shows how black text looks on a background with the YUV color 191.0900, 13.2666, -55.3299.



This preview shows how white text looks on a background with the YUV color 191.0900, 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

191.0900, 13.2666, -55.3299

Protanopia

202.6950, 2.6154, 1.1445

Deuteranopia

204.4490, 9.1456, 6.6222



Tritanopia

192.8220, 19.8078, -53.3409

Trichromacy



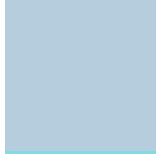
Original Color

191.0900, 13.2666, -55.3299



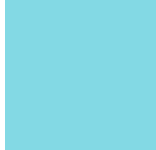
Protanomaly

198.3010, 6.7536, -19.5580



Deuteranomaly

199.6480, 10.5265, -16.3543



Tritanomaly

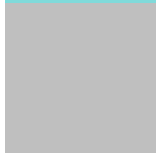
192.5400, 17.4818, -53.9706

Monochromacy



Original Color

191.0900, 13.2666, -55.3299



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.1330, 4.8644, -20.2876

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.0900, 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(128, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(128, 218, 218)  
}
```

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(128, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 218, 218) }
```

Border

The CSS property to change the border of an element to YUV 191.0900, 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(128, 218, 218) }
```


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

```
.border{ border-color:rgb(128, 218, 218) }
```

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

Here you see how a box with a 4 pixel rgb(128, 218, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(128, 218,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 191.0900, 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(128, 218, 218) }
```

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

```
.background{ background-color: rgb(128,  
218, 218) }
```

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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