

Converting Colors

YUV(204.8790, 9.9197,
-55.1449)

Have a look what the booklet for
YUV(204.8790, 9.9197, -55.1449)
contains.

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Color

**YUV(204.8790, 9.9197,
-55.1449)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8EE9E1 |
| RGB | 142, 233, 225 |
| RGB Percent | 56%, 91%, 88% |
| CMY | 0.4431, 0.0863, 0.1176 |
| CMYK | 0.39, 0.00, 0.03, 0.09 |
| HSL | 175°, 67%, 74% |
| HSV | 175°, 39%, 91% |
| XYZ | 53.8848, 69.4649, 81.8022 |
| YIQ | 204.8790, -51.6680, -21.7800 |

Conversions

Conversions Part 2

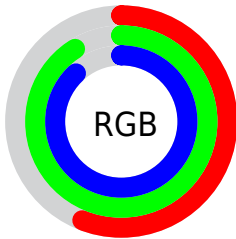
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 142, 190, 233 |
| Decimal | 9365985 |
| CIELab | 86.73, -29.00, -4.69 |
| CIELCh | 87, 29.373, 189.185 |
| Yxy | 69.4649, 0.2627, 0.3386 |
| Android (android.graphics.Color) | 4287556065 (0xFF8EE9E1) |
| YUV | 204.8790, 9.9197, -55.1449 |
| Hunter-Lab | 83.3456, -30.4504, 0.1498 |

Details

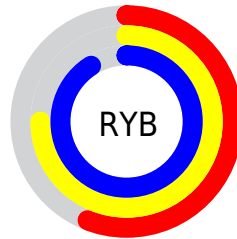
The YUV color **204.8790, 9.9197, -55.1449** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **170.1210, -9.9197, 55.1449**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2560, 8.2548, -34.4275**, and **148.6940, 10.5039, -55.8596** is the 20% darker color. If you saturate the color by 10%, you get **197.7740, 12.4364, -69.0848**, and if you desaturate by 10%, it is **211.9840, 7.4029, -41.2050**.

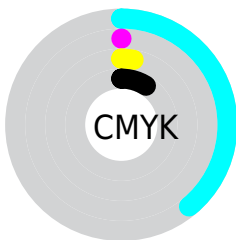
Distribution



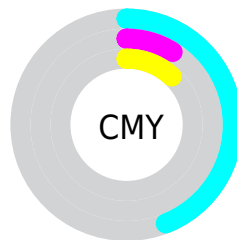
- Red (56%)
- Green (91%)
- Blue (88%)



- Red (56%)
- Yellow (75%)
- Blue (91%)



- Cyan (39%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (44%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.8790, 9.9197, -55.1449 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 204.8790, 9.9197, -55.1449 by changing the saturation by 10% instead.

204.8790, 9.9197,
-55.1449

204.8790, 9.9197,
-55.1449

255.0000, 0.0000,
0.0000

176.8790, 9.9197,
-55.1449

238.2560, 8.2548,
-34.4275

148.6940, 10.5039,
-55.8596

247.2260, 3.8326,
-15.9842

121.0960, 10.7987,
-57.0892

91.6220, 13.0044,
-64.5665

68.7150, 11.9725,
-60.2631

51.4180, 9.1609,
-45.0936

35.2950, 5.7706,

-30.9537

■ 21.7480, 2.0962,
-19.0730

■ 0.0000, 0.0000,
0.0000

■ 204.8790, 9.9197,
-55.1449

■ 204.8790, 9.9197,
-55.1449

■ 197.7740, 12.4364,
-69.0848

■ 211.9840, 7.4029,
-41.2050

■ 190.3700, 15.1006,
-83.6395

■ 219.3880, 4.7387,
-26.6503

■ 183.2650, 17.6174,
-97.5794

■ 226.4930, 2.2220,
-12.7104

■ 176.1600, 20.1341,
-111.5193

■ 233.5980, -0.2948,
1.2296

■ 169.0550, 22.6509,
-125.4592

■ 239.8060, -2.3694,
13.3251

■ 161.6510, 25.3151,
-140.0139

■ 240.0340, -1.4958,
13.1252

■ 161.0530, 25.6099,
-141.2435

■ 240.2620, -0.6222,
12.9252

■ 240.4900, 0.2514,
12.7253

■ 240.7180, 1.1250,
12.5253

Harmonies

Analogous

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



207.5750, -5.7065, -36.4613



204.8790, 9.9197, -55.1449



205.1740, 22.5922, -59.7886

Triad

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



204.8790, 9.9197, -55.1449



219.9470, 17.2811, 10.5705



217.8520, -25.5630, 32.5788

Complementary

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



204.8790, 9.9197, -55.1449



170.1210, -9.9197, 55.1449

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.



215.0940, -15.8223, 34.9976



204.8790, 9.9197, -55.1449



220.1900, 8.7803, 30.5284

Square

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



204.8790, 9.9197, -55.1449



214.7540, 19.8413, -17.3243



215.7100, -3.3080, 34.4573



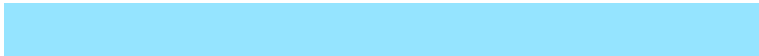
214.9050, -26.0822, 12.3613

Rectangle

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



204.8790, 9.9197, -55.1449



207.4570, 23.4387, -51.2668



215.7100, -3.3080, 34.4573



216.5470, -22.9477, 33.7233

Sweetspot

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



204.8790, 9.9197, -55.1449



245.3890, 3.2592, -18.7582



198.1080, -27.6612, -41.3137



122.3900, 1.7797, -10.8660



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.



204.8790, 9.9197, -55.1449



217.8660, 12.8841, -72.6735



184.6590, 23.8321, -37.4119



113.5970, 1.1847, -6.6626



125.0570, 19.6919, -109.6750



37.2840, 5.7760, -32.6981

Inverse Universe

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



170.1210, -9.9197, 55.1449



172.1340, -12.8841, 72.6735



190.3410, -23.8321, 37.4119



109.4030, -1.1847, 6.6626



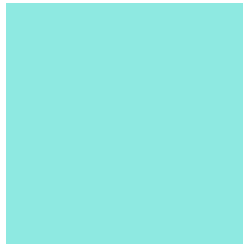
55.9430, -19.6919, 109.6750



16.7160, -5.7760, 32.6981

Previews

White Background



This preview shows how the YUV color 204.8790, 9.9197, -55.1449 looks on a white background.

Color Contrast Check

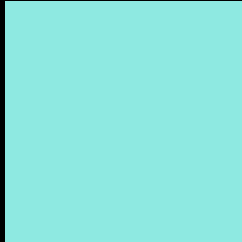
Large Text (above 18pt) WCAG AA × Fail

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 204.8790, 9.9197, -55.1449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

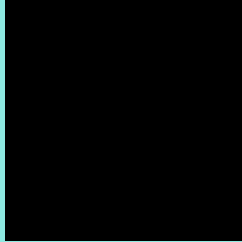
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.8790, 9.9197, -55.1449

Background



This preview shows how black text looks on a background with the YUV color 204.8790, 9.9197, -55.1449.



This preview shows how white text looks on a background with the YUV color 204.8790, 9.9197,

-55.1449.

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

204.8790, 9.9197, -55.1449

Protanopia

216.4950, -0.7370, 3.0739

Deuteranopia

218.5590, 5.6404, 10.9108



Tritanopia

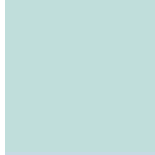
207.5340, 19.9497, -52.2113

Trichromacy



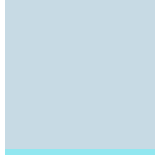
Original Color

204.8790, 9.9197, -55.1449



Protanomaly

212.6880, 3.1118, -18.1434



Deuteranomaly

213.4590, 7.1687, -12.6805



Tritanomaly

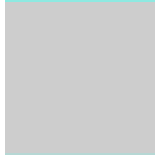
206.6110, 16.4608, -53.1558

Monochromacy



Original Color

204.8790, 9.9197, -55.1449



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

204.7910, 3.5540, -19.9877

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.8790, 9.9197, -55.1449 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(142, 233, 225)` looks like.

```
.text, #text, p{  
    color:rgb(142, 233, 225)  
}
```

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(142, 233, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 233, 225) }
```

Border

The CSS property to change the border of an element to YUV 204.8790, 9.9197, -55.1449 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(142, 233, 225) }
```


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

```
.border{ border-color:rgb(142, 233, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 233, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 233, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 233, 225); box-shadow:4px 4px 4px 4px rgb(142, 233, 225) }
```

Background

The CSS property to change the background color of an element to YUV 204.8790, 9.9197, -55.1449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 233, 225) }
```

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

```
.background{ background-color: rgb(142,  
233, 225) }
```

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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