

Converting Colors

YUV(200.9390, 8.9041,
-56.0745)

Have a look what the booklet for
YUV(200.9390, 8.9041, -56.0745)
contains.

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Color

**YUV(200.9390, 8.9041,
-56.0745)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 89E6DB |
| RGB | 137, 230, 219 |
| RGB Percent | 54%, 90%, 86% |
| CMY | 0.4627, 0.0980, 0.1412 |
| CMYK | 0.40, 0.00, 0.05, 0.10 |
| HSL | 173°, 65%, 72% |
| HSV | 173°, 40%, 90% |
| XYZ | 51.3995, 67.0265, 77.2462 |
| YIQ | 200.9390, -51.8970, -23.1370 |

Conversions

Conversions Part 2

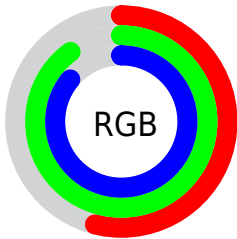
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 137, 186, 230 |
| Decimal | 9037531 |
| CIELab | 85.52, -30.22, -3.35 |
| CIELCh | 86, 30.401, 186.319 |
| Yxy | 67.0265, 0.2627, 0.3425 |
| Android (android.graphics.Color) | 4287227611 (0xFF89E6DB) |
| YUV | 200.9390, 8.9041, -56.0745 |
| Hunter-Lab | 81.8697, -31.2059, 1.3671 |

Details

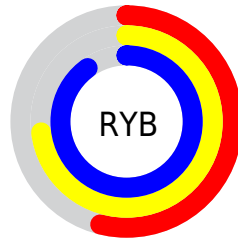
The YUV color $200.9390, 8.9041, -56.0745$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $166.0610, -8.9041, 56.0745$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.7610, 8.9918, -37.5014$, and $144.7540, 9.4883, -56.7893$ is the 20% darker color. If you saturate the color by 10%, you get $193.7200, 10.9840, -69.9144$, and if you desaturate by 10%, it is $208.1580, 6.8241, -42.2346$.

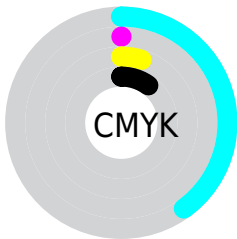
Distribution



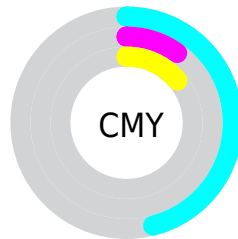
- Red (54%)
- Green (90%)
- Blue (86%)



- Red (54%)
- Yellow (73%)
- Blue (90%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)



- Cyan (46%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.9390, 8.9041, -56.0745 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 200.9390, 8.9041, -56.0745 by changing the saturation by 10% instead.

200.9390, 8.9041,
-56.0745

200.9390, 8.9041,
-56.0745

255.0000, 0.0000,
0.0000

172.9390, 8.9041,
-56.0745

236.7610, 8.9918,
-37.5014

144.7540, 9.4883,
-56.7893

245.4320, 4.7170,
-19.6729

116.9710, 10.3673,
-58.7336

254.4020, 0.2948,
-1.2296

85.2900, 13.1680,
-70.4143

66.3840, 10.6567,
-58.2188

49.6740, 7.5557,
-43.5641

33.0780, 4.8915,

-29.0094

■ 18.9440, 1.5066,
-16.6139

■ 0.0000, 0.0000,
0.0000

■ 200.9390, 8.9041,
-56.0745

■ 200.9390, 8.9041,
-56.0745

■ 193.7200, 10.9840,
-69.9144

■ 208.1580, 6.8241,
-42.2346

■ 186.6150, 13.5008,
-83.8544

■ 215.2630, 4.3073,
-28.2947

■ 179.3960, 15.5808,
-97.6943

■ 222.4820, 2.2274,
-14.4547

■ 172.1770, 17.6607,
-111.5342

■ 229.7010, 0.1474,
-0.6148

■ 164.9580, 19.7407,
-125.3742

■ 236.9200, -1.9326,
13.2252

■ 158.1520, 22.1101,
-138.6993

■ 238.0450, -1.5012,
14.8695

■ 238.3870, -0.1908,
14.5696

■ 238.7290, 1.1196,
14.2697

■ 238.9570, 1.9932,
14.0697

Harmonies

Analogous

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



204.5320, -7.1643, -35.5466



200.9390, 8.9041, -56.0745



200.5650, 22.8925, -62.7625

Triad

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



200.9390, 8.9041, -56.0745



216.3920, 19.0337, 8.4262



214.1620, -25.7159, 34.9379

Complementary

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



200.9390, 8.9041, -56.0745



166.0610, -8.9041, 56.0745

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.



211.9310, -15.2490, 37.7715



200.9390, 8.9041, -56.0745



218.3150, 9.2117, 32.1727

Square

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



200.9390, 8.9041, -56.0745



210.6010, 21.8887, -20.6981



213.3620, -2.1505, 36.5165



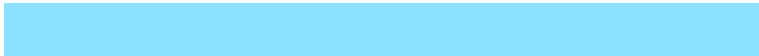
211.9870, -27.1086, 14.9204

Rectangle

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



200.9390, 8.9041, -56.0745



202.7060, 25.7809, -55.8702



213.3620, -2.1505, 36.5165



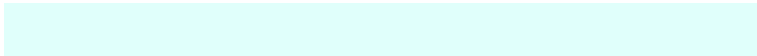
213.2700, -22.8111, 36.5972

Sweetspot

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



200.9390, 8.9041, -56.0745



245.2750, 2.8224, -18.6582



195.1790, -28.6822, -40.4990



122.2760, 1.3429, -10.7661



0.0000, 0.0000, 0.0000



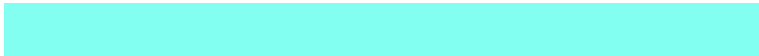
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



200.9390, 8.9041, -56.0745



215.9150, 11.8739, -75.3475



182.2350, 23.5481, -39.6711



111.1840, 0.8953, -7.1774



122.9710, 16.7763, -107.8456



35.0670, 4.8970, -30.7538

Inverse Universe

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



166.0610, -8.9041, 56.0745



169.0850, -11.8739, 75.3475



184.7650, -23.5481, 39.6711



106.8160, -0.8953, 7.1774



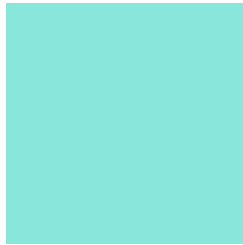
55.9150, -17.2131, 107.9455



15.9330, -4.8970, 30.7538

Previews

White Background



This preview shows how the YUV color 200.9390, 8.9041, -56.0745 looks on a white background.

Color Contrast Check

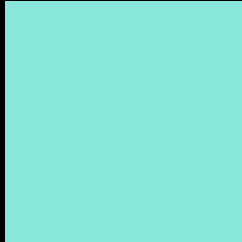
Large Text (above 18pt) WCAG AA × Fail

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 200.9390, 8.9041, -56.0745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

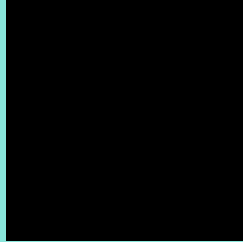
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.9390, 8.9041, -56.0745

Background



This preview shows how black text looks on a background with the YUV color 200.9390, 8.9041, -56.0745.



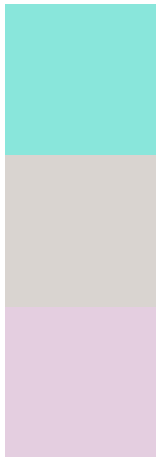
This preview shows how white text looks on a background with the YUV color 200.9390, 8.9041,

-56.0745.

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

200.9390, 8.9041, -56.0745

Protanopia

213.0390, -2.4842, 3.4738

Deuteranopia

214.6300, 4.6194, 11.7255



Tritanopia

203.5340, 19.9497, -52.2113

Trichromacy



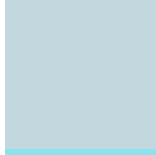
Original Color

200.9390, 8.9041, -56.0745



Protanomaly

208.9330, 1.5120, -18.3582



Deuteranomaly

209.8180, 6.0057, -12.9954



Tritanomaly

202.1980, 16.1714, -53.6706

Monochromacy



Original Color

200.9390, 8.9041, -56.0745



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

201.3780, 3.2646, -20.5025

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.9390, 8.9041, -56.0745 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(137, 230, 219)` looks like.

```
.text, #text, p{  
    color:rgb(137, 230, 219)  
}
```

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(137, 230, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 230, 219) }
```

Border

The CSS property to change the border of an element to YUV 200.9390, 8.9041, -56.0745 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(137, 230, 219) }
```


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

```
.border{ border-color:rgb(137, 230, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 230, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 230, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 230, 219);  
box-shadow:4px 4px 4px 4px rgb(137, 230,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 200.9390, 8.9041, -56.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 230, 219) }
```

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

```
.background{ background-color: rgb(137,  
230, 219) }
```

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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