

Converting Colors

YUV(205.4820, 8.6364,
-63.5667)

Have a look what the booklet for
YUV(205.4820, 8.6364, -63.5667)
contains.

YUV(205.4820, 8.6364, -63.5667)	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(205.4820, 8.6364,
-63.5667)**

Conversions

Conversions Part 1

Format	Color
Hex	85EFD9
RGB	133, 239, 223
RGB Percent	52%, 94%, 87%
CMY	0.4784, 0.0627, 0.1255
CMYK	0.44, 0.00, 0.07, 0.06
HSL	171°, 77%, 73%
HSV	171°, 44%, 94%
XYZ	53.8587, 72.0473, 80.8799
YIQ	205.4820, -58.0400, -27.4480

Conversions

Conversions Part 2

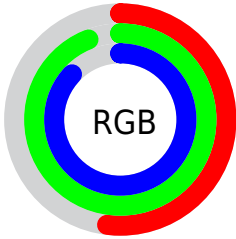
Format	Color
RYB	133, 190, 239
Decimal	8777695
CIELab	87.99, -34.48, -1.83
CIELCh	88, 34.533, 183.045
Yxy	72.0473, 0.2605, 0.3484
Android (android.graphics.Color)	4286967775 (0xFF85EFDf)
YUV	205.4820, 8.6364, -63.5667
Hunter-Lab	84.8807, -35.2790, 2.9210

Details

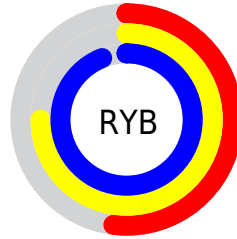
The YUV color **205.4820, 8.6364, -63.5667** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **166.5180, -8.6364, 63.5667**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8640, 9.4340, -39.3457**, and **148.6990, 9.5154, -65.5110** is the 20% darker color. If you saturate the color by 10%, you get **197.8500, 10.4270, -77.9214**, and if you desaturate by 10%, it is **213.1140, 6.8458, -49.2120**.

Distribution



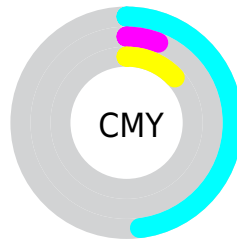
- Red (52%)
- Green (94%)
- Blue (87%)



- Red (52%)
- Yellow (75%)
- Blue (94%)



- Cyan (44%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (48%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.4820, 8.6364, -63.5667 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 205.4820, 8.6364, -63.5667 by changing the saturation by 10% instead.

■ 205.4820, 8.6364,
-63.5667

■ 205.4820, 8.6364,
-63.5667

255.0000, 0.0000,
0.0000

■ 176.5960, 9.0732,
-63.6667

■ 235.8640, 9.4340,
-39.3457

■ 148.6990, 9.5154,
-65.5110

■ 244.8340, 5.0118,
-20.9024

■ 119.1330, 11.2734,
-69.3996

■ 253.8040, 0.5896,
-2.4591

■ 88.9470, 13.3371,
-78.0065

■ 70.8350, 9.9413,
-62.1223

■ 54.1250, 6.8404,
-47.4676

■ 37.5290, 4.1762,

-32.9129

■ 23.3950, 0.7913,
-20.5174

■ 0.0000, 0.0000,
0.0000

■ 205.4820, 8.6364,
-63.5667

■ 205.4820, 8.6364,
-63.5667

■ 197.8500, 10.4270,
-77.9214

■ 213.1140, 6.8458,
-49.2120

■ 190.3320, 12.6543,
-92.3762

■ 220.6320, 4.6184,
-34.7573

■ 182.7000, 14.4449,
-106.7309

■ 228.2640, 2.8278,
-20.4025

■ 175.1820, 16.6723,
-121.1856

■ 235.7820, 0.6005,
-5.9478

■ 167.8490, 18.3154,
-134.9256

■ 243.1150, -1.0427,
7.7921

■ 163.4350, 19.5055,
-143.3325

■ 244.4680, 0.2623,
9.2366

■ 244.8100, 1.5727,
8.9366

■ 245.2660, 3.3199,
8.5367

■ 245.6080, 4.6303,
8.2368

Harmonies

Analogous

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



210.1250, -9.9216, -37.8206



205.4820, 8.6364, -63.5667



204.0580, 25.1144, -75.4729

Triad

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



205.4820, 8.6364, -63.5667



221.6970, 16.4184, 7.2817



217.5100, -26.8734, 32.8787

Complementary

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



205.4820, 8.6364, -63.5667



166.5180, -8.6364, 63.5667

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.



214.2620, -13.9332, 35.7272



205.4820, 8.6364, -63.5667



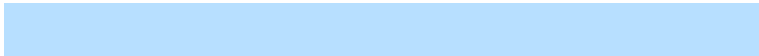
222.8460, 13.8799, 28.1991

Square

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



205.4820, 8.6364, -63.5667



214.6880, 19.8738, -27.7904



216.1490, 0.9125, 34.0723



218.8690, -31.4874, 19.4089

Rectangle

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



205.4820, 8.6364, -63.5667



204.7000, 24.7979, -67.2659



216.1490, 0.9125, 34.0723



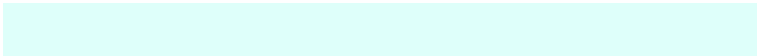
215.8460, -23.0951, 34.3381

Sweetspot

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



205.4820, 8.6364, -63.5667



244.5630, 2.6804, -19.7878



200.6040, -33.3288, -43.5027



121.2650, 1.3484, -12.5104



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.



205.4820, 8.6364, -63.5667



212.3550, 11.1640, -80.9953



186.7610, 25.7538, -47.1484



116.1840, 0.8953, -7.1774



125.7920, 14.8925, -110.3196



38.3440, 4.7604, -33.6277

Inverse Universe

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



166.5180, -8.6364, 63.5667



162.6450, -11.1640, 80.9953



185.2390, -25.7538, 47.1484



111.8160, -0.8953, 7.1774



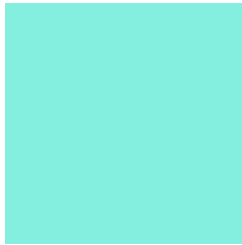
58.2080, -14.8925, 110.3196



17.6560, -4.7604, 33.6277

Previews

White Background



This preview shows how the YUV color 205.4820, 8.6364, -63.5667 looks on a white background.

Color Contrast Check

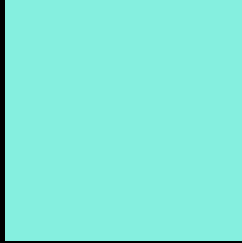
Large Text (above 18pt) WCAG AA × Fail

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 205.4820, 8.6364, -63.5667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

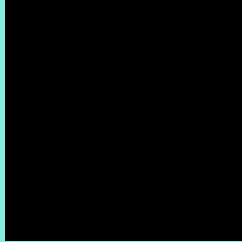
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.4820, 8.6364, -63.5667

Background



This preview shows how black text looks on a background with the YUV color 205.4820, 8.6364, -63.5667.



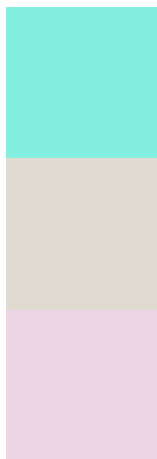
This preview shows how white text looks on a background with the YUV color 205.4820, 8.6364,

-63.5667.

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

205.4820, 8.6364, -63.5667

Protanopia

219.2950, -4.0894, 5.0033

Deuteranopia

221.7010, 3.5984, 12.5402



Tritanopia

208.6580, 21.8606, -58.4591

Trichromacy



Original Color

205.4820, 8.6364, -63.5667



Protanomaly

214.5800, 0.2071, -19.8027



Deuteranomaly

215.6930, 5.5744, -14.6398



Tritanomaly

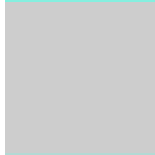
207.6810, 16.9193, -60.2332

Monochromacy



Original Color

205.4820, 8.6364, -63.5667



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

205.0680, 3.4175, -22.8616

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.4820, 8.6364, -63.5667 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(133, 239, 223)` looks like.

```
.text, #text, p{  
    color:rgb(133, 239, 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(133, 239, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 239, 223) }
```

Border

The CSS property to change the border of an element to YUV 205.4820, 8.6364, -63.5667 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(133, 239, 223) }
```


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

```
.border{ border-color:rgb(133, 239, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 239, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 239, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 239, 223);  
box-shadow:4px 4px 4px 4px rgb(133, 239,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 205.4820, 8.6364, -63.5667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 239, 223) }
```

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

```
.background{ background-color: rgb(133,  
239, 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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