

Converting Colors

YUV(206.1580, 3.3731,
-55.3896)

Have a look what the booklet for
YUV(206.1580, 3.3731, -55.3896)
contains.

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Color

**YUV(206.1580, 3.3731,
-55.3896)**

Conversions

Conversions Part 1

Format	Color
Hex	8FEDD5
RGB	143, 237, 213
RGB Percent	56%, 93%, 84%
CMY	0.4392, 0.0706, 0.1647
CMYK	0.40, 0.00, 0.10, 0.07
HSL	165°, 72%, 75%
HSV	165°, 40%, 93%
XYZ	53.6221, 71.2121, 73.8699
YIQ	206.1580, -48.3200, -27.3920

Conversions

Conversions Part 2

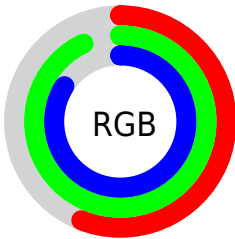
Format	Color
RYB	143, 197, 237
Decimal	9432533
CIELab	87.59, -33.35, 2.86
CIELCh	88, 33.475, 175.096
Yxy	71.2121, 0.2699, 0.3584
Android (android.graphics.Color)	4287622613 (0xFF8FEDD5)
YUV	206.1580, 3.3731, -55.3896
Hunter-Lab	84.3873, -34.2536, 7.1705

Details

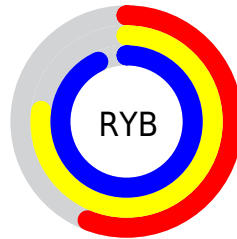
The YUV color **206.1580, 3.3731, -55.3896** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **173.8420, -3.3731, 55.3896**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5550, 8.1074, -33.8127**, and **150.2720, 3.8099, -55.4895** is the 20% darker color. If you saturate the color by 10%, you get **198.2980, 4.2901, -69.5443**, and if you desaturate by 10%, it is **214.0180, 2.4561, -41.2348**.

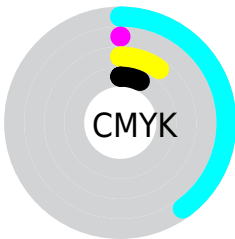
Distribution



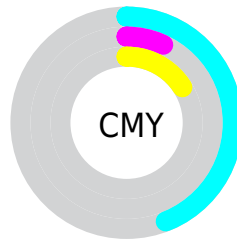
- Red (56%)
- Green (93%)
- Blue (84%)



- Red (56%)
- Yellow (77%)
- Blue (93%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)





- Cyan (44%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.1580, 3.3731, -55.3896 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 206.1580, 3.3731, -55.3896 by changing the saturation by 10% instead.

 206.1580, 3.3731,
-55.3896


 206.1580, 3.3731,
-55.3896

255.0000, 0.0000,
0.0000


 178.1580, 3.3731,
-55.3896

 238.5550, 8.1074,
-33.8127

 150.2720, 3.8099,
-55.4895

 247.2260, 3.8326,
-15.9842

 122.4890, 4.6889,
-57.4339

 93.3250, 6.7418,
-62.5520

 69.3360, 6.7364,
-60.8077

 52.0390, 3.9248,
-45.6382

 36.0300, 0.9712,

-31.5983

■ 22.0100, -1.9769,
-19.3028

■ 0.0000, 0.0000,
0.0000

■ 206.1580, 3.3731,
-55.3896

■ 206.1580, 3.3731,
-55.3896

■ 198.2980, 4.2901,
-69.5443

■ 214.0180, 2.4561,
-41.2348

■ 190.7370, 5.0597,
-83.0843

■ 221.5790, 1.6866,
-27.6948

■ 182.8770, 5.9766,
-97.2391

■ 229.4390, 0.7696,
-13.5400

■ 175.0170, 6.8936,
-111.3939

■ 237.2990, -0.1474,
0.6148

■ 167.1570, 7.8106,
-125.5487

■ 243.0660, -0.0325,
10.4661

■ 159.5960, 8.5802,
-139.0887

■ 243.7500, 2.5883,
9.8663

■ 159.1830, 8.2908,
-139.6035

■ 244.4340, 5.2090,
9.2664

Harmonies

Analogous

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



210.7410, -14.1693, -28.7139



206.1580, 3.3731, -55.3896



203.5270, 20.4462, -71.4992

Triad

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



206.1580, 3.3731, -55.3896



218.9840, 17.7559, -1.7400



215.8460, -23.0951, 34.3381

Complementary

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



206.1580, 3.3731, -55.3896



173.8420, -3.3731, 55.3896

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.



214.5870, -10.1494, 35.4422



206.1580, 3.3731, -55.3896



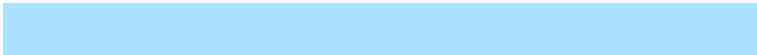
224.4760, 15.0483, 26.7695

Square

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



206.1580, 3.3731, -55.3896



211.9860, 21.2059, -35.0677



217.6480, 4.1175, 32.7577



218.4290, -30.7775, 25.0568

Rectangle

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



206.1580, 3.3731, -55.3896



203.8030, 25.2401, -69.1102



217.6480, 4.1175, 32.7577



214.8830, -19.1693, 35.1826

Sweetspot

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



206.1580, 3.3731, -55.3896



244.8190, 1.0752, -18.2583



205.6530, -30.8879, -33.0217



122.0480, 0.4693, -10.5661



0.0000, 0.0000, 0.0000



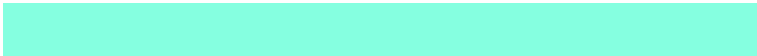
128.0000, 0.0000, 0.0000

Same Dimension

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



206.1580, 3.3731, -55.3896



214.9880, 4.4429, -71.9035



195.9800, 20.2229, -46.4635



113.3690, 0.3111, -6.4626



121.6370, 6.5880, -106.6756



36.2580, 1.8448, -31.7983

Inverse Universe

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



173.8420, -3.3731, 55.3896



173.0120, -4.4429, 71.9035



184.0200, -20.2229, 46.4635



109.6310, -0.3111, 6.4626



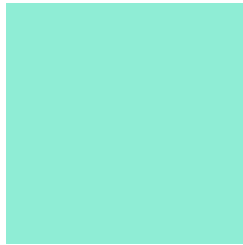
59.3630, -6.5880, 106.6756



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 206.1580, 3.3731, -55.3896 looks on a white background.

Color Contrast Check

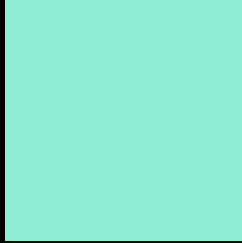
Large Text (above 18pt) WCAG AA × Fail

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 206.1580, 3.3731, -55.3896 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

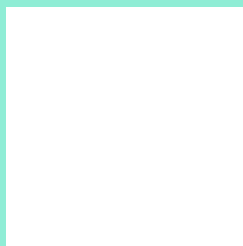
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 206.1580, 3.3731, -55.3896

Background



This preview shows how black text looks on a background with the YUV color 206.1580, 3.3731, -55.3896.



This preview shows how white text looks on a background with the YUV color 206.1580, 3.3731, -55.3896.

-55.3896.

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

206.1580, 3.3731, -55.3896

Protanopia

218.5680, -8.1680, 6.5179

Deuteranopia

220.1700, -1.0698, 16.5139



Tritanopia

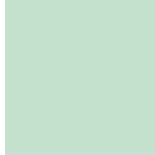
210.1320, 19.6549, -50.9818

Trichromacy



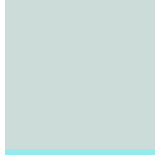
Original Color

206.1580, 3.3731, -55.3896



Protanomaly

214.1630, -4.0244, -15.9290



Deuteranomaly

214.7600, 0.6113, -9.4365



Tritanomaly

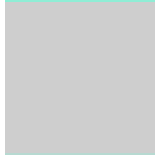
208.9270, 13.8400, -52.5560

Monochromacy



Original Color

206.1580, 3.3731, -55.3896



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

205.9220, 1.5175, -20.1026

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.1580, 3.3731, -55.3896 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(143, 237, 213)` looks like.

```
.text, #text, p{  
    color:rgb(143, 237, 213)  
}
```

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(143, 237, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 237, 213) }
```

Border

The CSS property to change the border of an element to YUV 206.1580, 3.3731, -55.3896 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(143, 237, 213) }
```


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

```
.border{ border-color:rgb(143, 237, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 237, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 237, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 237, 213);  
box-shadow:4px 4px 4px 4px rgb(143, 237,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 206.1580, 3.3731, -55.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 237, 213) }
```

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

```
.background{ background-color: rgb(143,  
237, 213) }
```

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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