

Converting Colors

YUV(210.3490, 0.3209,
-56.4341)

Have a look what the booklet for
YUV(210.3490, 0.3209, -56.4341)
contains.

YUV(210.3490, 0.3209, -56.4341)	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(210.3490, 0.3209,
-56.4341)**

Conversions

Conversions Part 1

Format	Color
Hex	92F3D3
RGB	146, 243, 211
RGB Percent	57%, 95%, 83%
CMY	0.4275, 0.0471, 0.1725
CMYK	0.40, 0.00, 0.13, 0.05
HSL	160°, 80%, 76%
HSV	160°, 40%, 95%
XYZ	55.6625, 74.9153, 73.1544
YIQ	210.3490, -47.5400, -30.5160

Conversions

Conversions Part 2

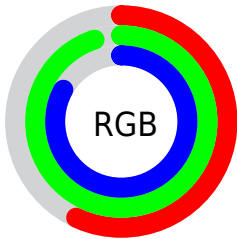
Format	Color
R_{YB}	146, 204, 243
Decimal	9630675
CIE _{Lab}	89.35, -35.79, 6.47
CIE _{LCh}	89, 36.367, 169.744
Yxy	74.9153, 0.2732, 0.3677
Android (android.graphics.Color)	4287820755 (0xFF92F3D3)
YUV	210.3490, 0.3209, -56.4341
Hunter-Lab	86.5536, -36.6758, 10.4761

Details

The YUV color $210.3490, 0.3209, -56.4341$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $178.6510, -0.3209, 56.4341$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.4520, 7.6652, -31.9684$, and $153.9900, 1.4839, -56.1192$ is the 20% darker color. If you saturate the color by 10%, you get $202.2610, 0.3643, -70.3889$, and if you desaturate by 10%, it is $218.4370, 0.2776, -42.4792$.

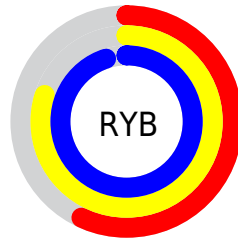
Distribution



Red (57%)

Green (95%)

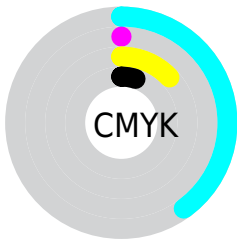
Blue (83%)



Red (57%)

Yellow (80%)

Blue (95%)

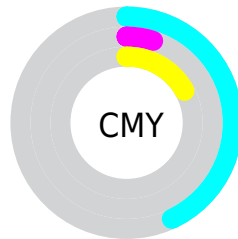


Cyan (40%)

Magenta (0%)

Yellow (13%)

Black (5%)



Cyan (43%)

Magenta (5%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.3490, 0.3209, -56.4341 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 210.3490, 0.3209, -56.4341 by changing the saturation by 10% instead.

210.3490, 0.3209,
-56.4341

210.3490, 0.3209,
-56.4341

255.0000, 0.0000,
0.0000

181.7620, 0.6103,
-55.9193

239.4520, 7.6652,
-31.9684

153.9900, 1.4839,
-56.1192

248.4220, 3.2430,
-13.5251

126.0930, 1.9262,
-57.9636

97.8150, 3.5422,
-62.9818

72.0430, 4.4158,
-63.1817

54.7460, 1.6042,
-48.0122

38.2640, -0.6232,

-33.5575

■ 23.5430, -3.7187,
-20.6472

■ 0.0000, 0.0000,
0.0000

■ 210.3490, 0.3209,
-56.4341

■ 210.3490, 0.3209,
-56.4341

■ 202.2610, 0.3643,
-70.3889

■ 218.4370, 0.2776,
-42.4792

■ 193.8740, 0.5551,
-84.9585


■ 226.8240, 0.0868,
-27.9096

■ 185.7860, 0.5985,
-98.9133

■ 234.9120, 0.0434,
-13.9548


■ 177.6980, 0.6419,
-112.8681

■ 243.0000, 0.0000,
0.0000

 169.6100, 0.6853,
-126.8230

 247.5000, 1.7255,
6.5775

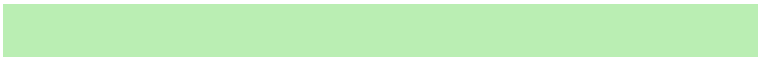
 161.2230, 0.8761,
-141.3926

 247.9560, 3.4727,
6.1776

Harmonies

Analogous

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



215.7260, -18.1059, -26.0697



210.3490, 0.3209, -56.4341



206.3690, 20.0311, -78.3766

Triad

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



210.3490, 0.3209, -56.4341



221.8970, 16.3198, -7.8027



217.4760, -21.9267, 32.9085

Complementary

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



210.3490, 0.3209, -56.4341



178.6510, -0.3209, 56.4341

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.



216.7870, -6.7970, 33.5128



210.3490, 0.3209, -56.4341



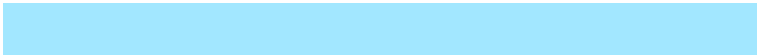
227.4110, 13.6014, 24.1956

Square

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



210.3490, 0.3209, -56.4341



213.1050, 20.6542, -44.8191



220.7770, 8.4909, 30.0136



222.1090, -32.0987, 28.8454

Rectangle

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



210.3490, 0.3209, -56.4341



204.9220, 24.6885, -78.8616



220.7770, 8.4909, 30.0136



216.7410, -17.1273, 33.5531

Sweetspot

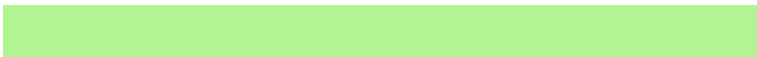
The Sweet Spot groups the original color and five complimentary colors.



210.3490, 0.3209, -56.4341



244.5910, 0.2016, -18.0583



212.5070, -32.7880, -30.2626



121.9340, 0.0325, -10.4661



0.0000, 0.0000, 0.0000



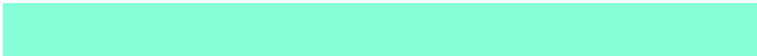
128.0000, 0.0000, 0.0000

Same Dimension

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



210.3490, 0.3209, -56.4341



213.9620, 0.5117, -71.0037



204.6050, 18.9287, -51.3966



117.9560, 0.0217, -6.9774



123.4320, 0.7730, -108.2499



39.0790, -0.0389, -34.2723

Inverse Universe

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



178.6510, -0.3209, 56.4341



174.0380, -0.5117, 71.0037



184.3950, -18.9287, 51.3966



114.0440, -0.0217, 6.9774



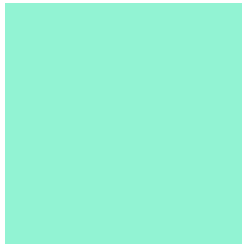
62.5680, -0.7730, 108.2499



19.8070, -0.3979, 34.3723

Previews

White Background



This preview shows how the YUV color 210.3490, 0.3209, -56.4341 looks on a white background.

Color Contrast Check

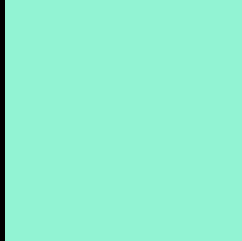
Large Text (above 18pt) WCAG AA × Fail

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 210.3490, 0.3209, -56.4341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

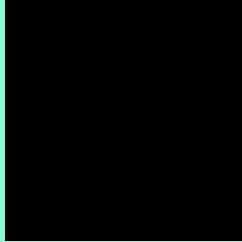
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.3490, 0.3209, -56.4341

Background



This preview shows how black text looks on a background with the YUV color 210.3490, 0.3209, -56.4341.



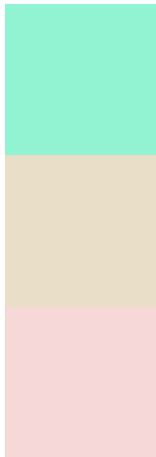
This preview shows how white text looks on a background with the YUV color 210.3490, 0.3209, -56.4341.

-56.4341.

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

210.3490, 0.3209, -56.4341

Protanopia

223.3680, -11.5204, 8.4473

Deuteranopia

225.3830, -4.1328, 18.9581



Tritanopia

215.1430, 19.6495, -49.2374

Trichromacy



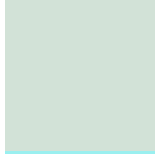
Original Color

210.3490, 0.3209, -56.4341



Protanomaly

218.3650, -7.0819, -15.2291



Deuteranomaly

219.9620, -2.4463, -8.7367



Tritanomaly

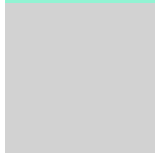
213.5850, 12.5296, -52.2560

Monochromacy



Original Color

210.3490, 0.3209, -56.4341



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

210.1670, -0.0823, -20.3175

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.3490, 0.3209, -56.4341 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(146, 243, 211)` looks like.

```
.text, #text, p{  
    color:rgb(146, 243, 211)  
}
```

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(146, 243, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 243, 211) }
```

Border

The CSS property to change the border of an element to YUV 210.3490, 0.3209, -56.4341 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(146, 243, 211) }
```


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

```
.border{ border-color:rgb(146, 243, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 243, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 243, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 243, 211);  
box-shadow:4px 4px 4px 4px rgb(146, 243,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 210.3490, 0.3209, -56.4341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 243, 211) }
```

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

```
.background{ background-color: rgb(146,  
243, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor