

Converting Colors

YUV(212.9550, 11.3612,
-50.8265)

Have a look what the booklet for
YUV(212.9550, 11.3612, -50.8265)
contains.

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Color

**YUV(212.9550, 11.3612,
-50.8265)**

Conversions

Conversions Part 1

Format	Color
Hex	9BEEEC
RGB	155, 238, 236
RGB Percent	61%, 93%, 93%
CMY	0.3922, 0.0667, 0.0745
CMYK	0.35, 0.00, 0.01, 0.07
HSL	179°, 71%, 77%
HSV	179°, 35%, 93%
XYZ	59.2324, 74.1738, 90.5520
YIQ	212.9550, -48.8260, -18.2180

Conversions

Conversions Part 2

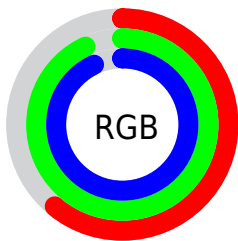
Format	Color
RYB	155, 197, 238
Decimal	10219244
CIELab	89.00, -25.52, -7.04
CIELCh	89, 26.477, 195.415
Yxy	74.1738, 0.2645, 0.3312
Android (android.graphics.Color)	4288409324 (0xFF9BEEEC)
YUV	212.9550, 11.3612, -50.8265
Hunter-Lab	86.1242, -27.9529, -2.0513

Details

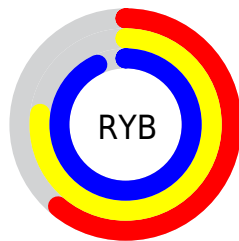
The YUV color **212.9550, 11.3612, -50.8265** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **180.0450, -11.3612, 50.8265**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1430, 6.3385, -26.4354**, and **156.9550, 11.3612, -50.8265** is the 20% darker color. If you saturate the color by 10%, you get **205.6650, 14.4622, -65.4812**, and if you desaturate by 10%, it is **220.2450, 8.2602, -36.1719**.

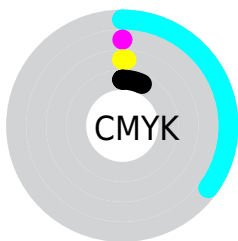
Distribution



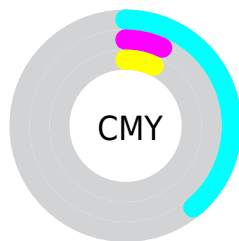
- Red (61%)
- Green (93%)
- Blue (93%)



- Red (61%)
- Yellow (77%)
- Blue (93%)



- Cyan (35%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (39%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9550, 11.3612, -50.8265 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 212.9550, 11.3612, -50.8265 by changing the saturation by 10% instead.

212.9550, 11.3612,
-50.8265

212.9550, 11.3612,
-50.8265

255.0000, 0.0000,
0.0000

184.9550, 11.3612,
-50.8265

242.1430, 6.3385,
-26.4354

156.9550, 11.3612,
-50.8265

251.1130, 1.9163,
-7.9921

129.6560, 11.5086,
-51.4413

102.5740, 12.5350,
-54.0004

72.2030, 15.1829,
-63.3220

55.3790, 11.6452,
-48.5674

38.6690, 8.5442,

-33.9127

■ 23.8340, 5.0118,
-20.9024

■ 2.0690, 5.3890,
-1.8145

■ 212.9550, 11.3612,
-50.8265

■ 212.9550, 11.3612,
-50.8265

■ 205.6650, 14.4622,
-65.4812

■ 220.2450, 8.2602,
-36.1719

■ 198.4890, 17.9999,
-80.2359

■ 227.4210, 4.7224,
-21.4172

■ 191.4980, 20.9535,
-94.2757

■ 234.4120, 1.7689,
-7.3773

■ 184.3220, 24.4913,
-109.0304

■ 241.5880, -1.7689,
7.3773

■ 177.0320, 27.5922,
-123.6851

■ 243.1970, -2.0691,
10.3512

■ 169.8560, 31.1300,
-138.4397

■ 243.3110, -1.6323,
10.2513

■ 166.1540, 32.4621,
-145.7171

■ 243.4250, -1.1955,
10.1513

Harmonies

Analogous

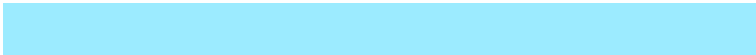
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.7860, -2.3595, -36.6463



212.9550, 11.3612, -50.8265



213.6590, 20.3811, -50.5669

Triad

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



212.9550, 11.3612, -50.8265



227.0570, 13.7759, 14.8590



223.8620, -24.0890, 26.4310

Complementary

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



212.9550, 11.3612, -50.8265



180.0450, -11.3612, 50.8265

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.



221.0610, -15.8061, 29.7645



212.9550, 11.3612, -50.8265



224.7720, 6.0284, 26.5100

Square

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



212.9550, 11.3612, -50.8265



221.8860, 16.3252, -9.5470



221.2210, -5.0390, 29.6242



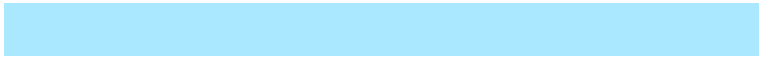
221.0830, -22.7189, 6.9432

Rectangle

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



212.9550, 11.3612, -50.8265



215.7850, 19.3330, -41.0304



221.2210, -5.0390, 29.6242



222.7420, -22.0578, 28.2903

Sweetspot

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



212.9550, 11.3612, -50.8265



247.4110, 3.2484, -15.2694



204.6180, -24.4617, -40.8840



123.1020, 1.9217, -9.7365



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.



212.9550, 11.3612, -50.8265



222.6650, 14.4622, -65.4812



190.2900, 23.5210, -30.9493



116.4120, 1.7689, -7.3773



128.4140, 24.9389, -112.6191



39.1420, 7.8180, -34.3275

Inverse Universe

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



180.0450, -11.3612, 50.8265



180.2210, -14.8990, 65.5812



202.7100, -23.5210, 30.9493



111.5880, -1.7689, 7.3773



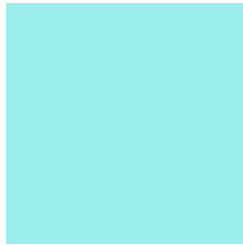
55.4720, -25.3757, 112.7191



16.8580, -7.8180, 34.3275

Previews

White Background



This preview shows how the YUV color 212.9550, 11.3612, -50.8265 looks on a white background.

Color Contrast Check

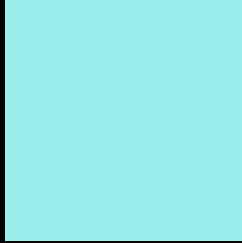
Large Text (above 18pt) WCAG AA × Fail

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 212.9550, 11.3612, -50.8265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

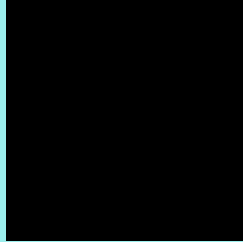
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.9550, 11.3612, -50.8265

Background



This preview shows how black text looks on a background with the YUV color 212.9550, 11.3612, -50.8265.



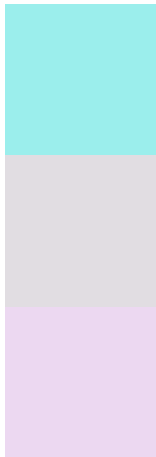
This preview shows how white text looks on a background with the YUV color 212.9550, 11.3612, -50.8265.

-50.8265.

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

212.9550, 11.3612, -50.8265

Protanopia

222.7660, 1.5944, 1.9592

Deuteranopia

224.8300, 7.9718, 9.7961



Tritanopia

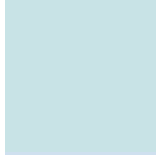
214.7410, 19.3547, -48.0079

Trichromacy



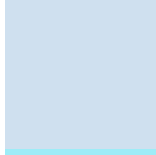
Original Color

212.9550, 11.3612, -50.8265



Protanomaly

219.2690, 5.2904, -16.8989



Deuteranomaly

220.6270, 9.0579, -11.9509



Tritanomaly

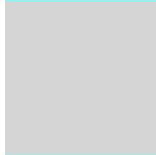
213.9320, 16.3025, -49.0524

Monochromacy



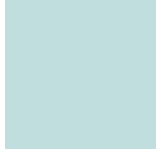
Original Color

212.9550, 11.3612, -50.8265



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.9160, 3.9854, -18.3433

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9550, 11.3612, -50.8265 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(155, 238, 236)` looks like.

```
.text, #text, p{  
    color:rgb(155, 238, 236)  
}
```

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(155, 238, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 238, 236) }
```

Border

The CSS property to change the border of an element to YUV 212.9550, 11.3612, -50.8265 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(155, 238, 236) }
```


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

```
.border{ border-color:rgb(155, 238, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 238, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 238, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 238, 236); box-shadow:4px 4px 4px 4px rgb(155, 238, 236) }
```

Background

The CSS property to change the background color of an element to YUV 212.9550, 11.3612, -50.8265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 238, 236) }
```

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

```
.background{ background-color: rgb(155,  
238, 236) }
```

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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