

Converting Colors

YUV(215.2540, 11.2138,
-50.2118)

Have a look what the booklet for
YUV(215.2540, 11.2138, -50.2118)
contains.

YUV(215.2540, 11.2138, -50.2118)	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(215.2540, 11.2138,
-50.2118)**

Conversions

Conversions Part 1

Format	Color
Hex	9EF0EE
RGB	158, 240, 238
RGB Percent	62%, 94%, 93%
CMY	0.3804, 0.0588, 0.0667
CMYK	0.34, 0.00, 0.01, 0.06
HSL	179°, 73%, 78%
HSV	179°, 34%, 94%
XYZ	60.6933, 75.7623, 92.3136
YIQ	215.2540, -48.2300, -18.0060

Conversions

Conversions Part 2

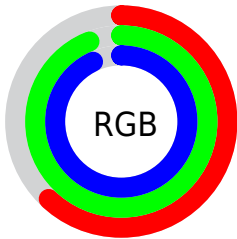
Format	Color
R _{YB}	158, 200, 240
Decimal	10416366
CIE _{Lab}	89.75, -25.25, -6.97
CIE _{LCh}	90, 26.194, 195.423
Yxy	75.7623, 0.2653, 0.3312
Android (android.graphics.Color)	4288606446 (0xFF9EF0EE)
YUV	215.2540, 11.2138, -50.2118
Hunter-Lab	87.0416, -27.8564, -1.9521

Details

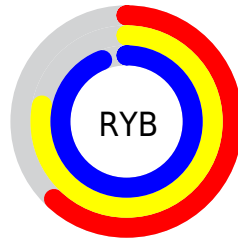
The YUV color **215.2540, 11.2138, -50.2118** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **182.7460, -11.2138, 50.2118**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0400, 5.8963, -24.5911**, and **159.2540, 11.2138, -50.2118** is the 20% darker color. If you saturate the color by 10%, you get **207.9640, 14.3147, -64.8664**, and if you desaturate by 10%, it is **222.5440, 8.1128, -35.5571**.

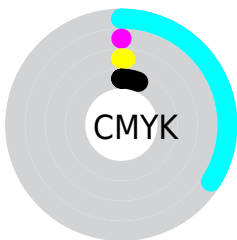
Distribution



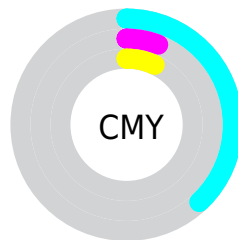
- Red (62%)
- Green (94%)
- Blue (93%)



- Red (62%)
- Yellow (78%)
- Blue (94%)



- Cyan (34%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (38%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.2540, 11.2138, -50.2118 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 215.2540, 11.2138, -50.2118 by changing the saturation by 10% instead.

215.2540, 11.2138,
-50.2118

215.2540, 11.2138,
-50.2118

255.0000, 0.0000,
0.0000

187.2540, 11.2138,
-50.2118

243.0400, 5.8963,
-24.5911

159.2540, 11.2138,
-50.2118

252.0100, 1.4741,
-6.1478

131.9550, 11.3612,
-50.8265

104.4710, 12.0928,
-52.1561

73.4910, 15.0409,
-64.4516

56.0800, 11.7926,
-49.1822

39.9570, 8.4022,

-35.0423

■ 25.2360, 5.3067,
-22.1320

■ 2.2970, 6.2626,
-2.0145

■ 215.2540, 11.2138,
-50.2118

■ 215.2540, 11.2138,
-50.2118

■ 207.9640, 14.3147,
-64.8664

■ 222.5440, 8.1128,
-35.5571

■ 200.7880, 17.8525,
-79.6211

■ 229.7200, 4.5750,
-20.8024

■ 193.4980, 20.9535,
-94.2757

■ 237.0100, 1.4741,
-6.1478

■ 186.3220, 24.4913,
-109.0304

■ 244.1860, -2.0637,
8.6069

■ 179.0320, 27.5922,
-123.6851

■ 244.5990, -1.7743,
9.1217

■ 171.7420, 30.6932,
-138.3397

■ 244.7130, -1.3375,
9.0217

■ 167.5560, 32.7569,
-146.9466

■ 244.8270, -0.9007,
8.9217

Harmonies

Analogous

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



217.0850, -2.5069, -36.0315



215.2540, 11.2138, -50.2118



215.7300, 19.3601, -49.7522

Triad

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



215.2540, 11.2138, -50.2118



228.8290, 12.9023, 15.0590



225.6770, -23.5048, 25.7163

Complementary

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



215.2540, 11.2138, -50.2118



182.7460, -11.2138, 50.2118

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.



222.4630, -15.5113, 28.5349



215.2540, 11.2138, -50.2118



226.1740, 6.3232, 25.2804

Square

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



215.2540, 11.2138, -50.2118



223.9570, 15.3042, -8.7323



222.6230, -4.7441, 28.3946



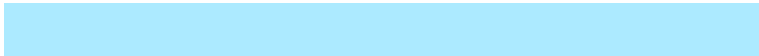
223.0830, -22.7189, 6.9432

Rectangle

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



215.2540, 11.2138, -50.2118



217.8560, 18.3120, -40.2157



222.6230, -4.7441, 28.3946



224.2580, -21.3262, 26.9607

Sweetspot

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



215.2540, 11.2138, -50.2118



247.4110, 3.2484, -15.2694



207.0310, -24.1723, -40.3692



123.1020, 1.9217, -9.7365



0.0000, 0.0000, 0.0000



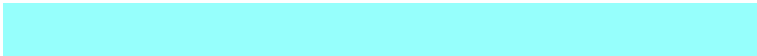
128.0000, 0.0000, 0.0000

Same Dimension

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



215.2540, 11.2138, -50.2118



223.2630, 14.1673, -64.2517



193.1760, 23.0842, -30.8494



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.



182.7460, -11.2138, 50.2118



181.7370, -14.1673, 64.2517



204.8240, -23.0842, 30.8494



111.5880, -1.7689, 7.3773



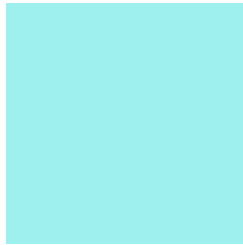
55.4720, -25.3757, 112.7191



16.8580, -7.8180, 34.3275

Previews

White Background



This preview shows how the YUV color 215.2540, 11.2138, -50.2118 looks on a white background.

Color Contrast Check

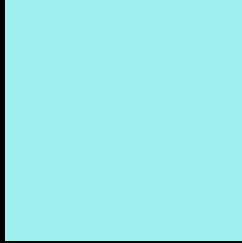
Large Text (above 18pt) WCAG AA × Fail

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 215.2540, 11.2138, -50.2118 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 215.2540, 11.2138, -50.2118 Background



This preview shows how black text looks on a background with the YUV color 215.2540, 11.2138, -50.2118.



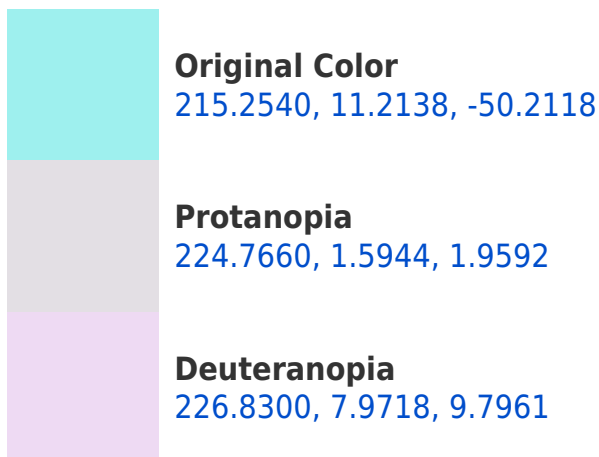
This preview shows how white text looks on a background with the YUV color 215.2540, 11.2138, -50.2118.

-50.2118.

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





Tritanopia

217.8230, 18.3283, -45.4488

Trichromacy



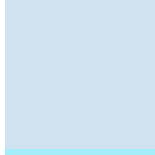
Original Color

215.2540, 11.2138, -50.2118



Protanomaly

221.2690, 5.2904, -16.8989



Deuteranomaly

222.6270, 9.0579, -11.9509



Tritanomaly

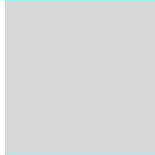
216.8290, 15.8603, -47.2080

Monochromacy



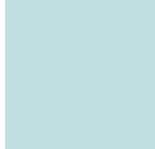
Original Color

215.2540, 11.2138, -50.2118



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.9160, 3.9854, -18.3433

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.2540, 11.2138, -50.2118 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(158, 240, 238)` looks like.

```
.text, #text, p{  
    color:rgb(158, 240, 238)  
}
```

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(158, 240, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 240, 238) }
```

Border

The CSS property to change the border of an element to YUV 215.2540, 11.2138, -50.2118 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(158, 240, 238) }
```


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

```
.border{ border-color:rgb(158, 240, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 240, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 240, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 240, 238);  
box-shadow:4px 4px 4px 4px rgb(158, 240,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 215.2540, 11.2138, -50.2118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 240, 238) }
```

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

```
.background{ background-color: rgb(158,  
240, 238) }
```

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