

Converting Colors

YUV(214.4350, 6.6875,
-45.1085)

Have a look what the booklet for
YUV(214.4350, 6.6875, -45.1085)
contains.

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Color

**YUV(214.4350, 6.6875,
-45.1085)**

Conversions

Conversions Part 1

Format	Color
Hex	A3EEE4
RGB	163, 238, 228
RGB Percent	64%, 93%, 89%
CMY	0.3608, 0.0667, 0.1059
CMYK	0.32, 0.00, 0.04, 0.07
HSL	172°, 69%, 79%
HSV	172°, 32%, 93%
XYZ	59.6824, 74.5370, 84.6403
YIQ	214.4350, -41.4900, -19.0100

Conversions

Conversions Part 2

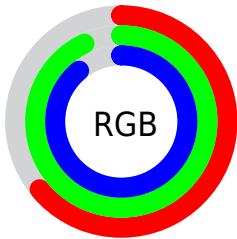
Format	Color
RYB	163, 203, 238
Decimal	10743524
CIELab	89.18, -25.18, -2.56
CIElCh	89, 25.313, 185.798
Yxy	74.5370, 0.2727, 0.3406
Android (android.graphics.Color)	4288933604 (0xFFA3EEE4)
YUV	214.4350, 6.6875, -45.1085
Hunter-Lab	86.3348, -27.6907, 2.3081

Details

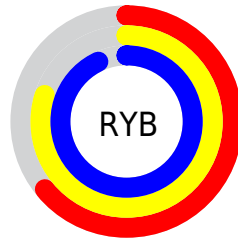
The YUV color $214.4350, 6.6875, -45.1085$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $186.5650, -6.6875, 45.1085$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.5350, 5.1592, -21.5172$, and $158.8480, 6.9769, -44.5937$ is the 20% darker color. If you saturate the color by 10%, you get $206.9170, 8.9149, -59.5632$, and if you desaturate by 10%, it is $221.9530, 4.4602, -30.6538$.

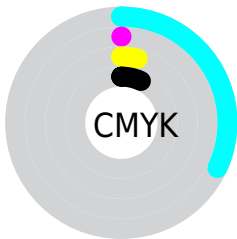
Distribution



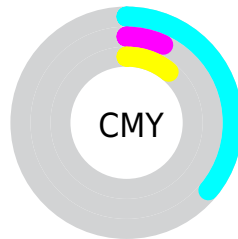
- Red (64%)
- Green (93%)
- Blue (89%)



- Red (64%)
- Yellow (80%)
- Blue (93%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (36%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.4350, 6.6875, -45.1085 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 214.4350, 6.6875, -45.1085 by changing the saturation by 10% instead.

214.4350, 6.6875,
-45.1085

214.4350, 6.6875,
-45.1085

255.0000, 0.0000,
0.0000

186.4350, 6.6875,
-45.1085

244.5350, 5.1592,
-21.5172

158.8480, 6.9769,
-44.5937

253.2060, 0.8844,
-3.6887

131.8480, 6.9769,
-44.5937

105.5490, 7.1243,
-45.2085

77.9830, 8.8824,
-49.0971

54.5810, 8.5876,
-47.8675

37.9850, 5.9234,

-33.3128

■ 23.2640, 2.8278,
-20.4025

■ 0.3420, 1.3104,
-0.2999

■ 214.4350, 6.6875,
-45.1085

■ 214.4350, 6.6875,
-45.1085

■ 206.9170, 8.9149,
-59.5632

■ 221.9530, 4.4602,
-30.6538

■ 199.3990, 11.1423,
-74.0179

■ 229.4710, 2.2328,
-16.1991

■ 192.0660, 12.7855,
-87.7579

■ 236.8040, 0.5896,
-2.4591

■ 184.5480, 15.0128,
-102.2126

■ 243.4250, -1.1955,
10.1513

■ 177.0300, 17.2402,
-116.6673

■ 243.7670, 0.1149,
9.8513

■ 169.5120, 19.4676,
-131.1220

■ 244.1090, 1.4253,
9.5514

■ 163.1900, 21.1053,
-143.1176

■ 244.4510, 2.7357,
9.2515

■ 244.7930, 4.0461,
8.9515

■ 245.0210, 4.9196,
8.7516

Harmonies

Analogous

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



216.8040, -6.3124, -28.7691



214.4350, 6.6875, -45.1085



214.9750, 17.7603, -49.9671

Triad

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



214.4350, 6.6875, -45.1085



225.8280, 14.3818, 7.1668



223.6710, -21.0368, 27.4755

Complementary

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



214.4350, 6.6875, -45.1085



186.5650, -6.6875, 45.1085

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.



221.3860, -12.0223, 29.4795



214.4350, 6.6875, -45.1085



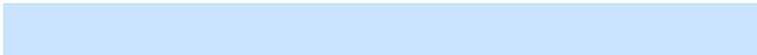
227.3310, 8.2178, 24.2657

Square

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



214.4350, 6.6875, -45.1085



221.5430, 16.4943, -17.1392



222.8340, -1.3972, 28.2096



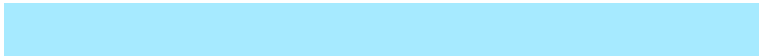
222.7140, -23.0300, 13.4058

Rectangle

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



214.4350, 6.6875, -45.1085



216.0620, 19.1964, -43.9044



222.8340, -1.3972, 28.2096



222.3660, -18.4214, 28.6200

Sweetspot

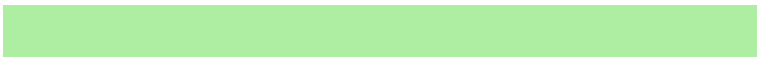
The Sweet Spot groups the original color and five complimentary colors.



214.4350, 6.6875, -45.1085



247.7810, 2.0800, -13.8399



210.0150, -23.1784, -32.4622



123.2870, 1.3375, -9.0217



0.0000, 0.0000, 0.0000



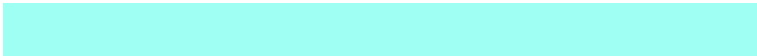
128.0000, 0.0000, 0.0000

Same Dimension

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



214.4350, 6.6875, -45.1085



224.5150, 8.6201, -58.3337



199.1390, 19.1585, -31.6939



116.1840, 0.8953, -7.1774



126.1340, 16.2029, -110.6195



38.4580, 5.1972, -33.7277

Inverse Universe

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



186.5650, -6.6875, 45.1085



188.4850, -8.6201, 58.3337



201.8610, -19.1585, 31.6939



111.7020, -1.3321, 7.2773



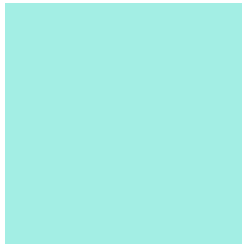
57.7520, -16.6397, 110.7195



17.5420, -5.1972, 33.7277

Previews

White Background



This preview shows how the YUV color 214.4350, 6.6875, -45.1085 looks on a white background.

Color Contrast Check

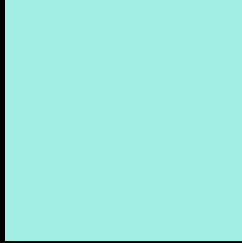
Large Text (above 18pt) WCAG AA × Fail

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 214.4350, 6.6875, -45.1085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

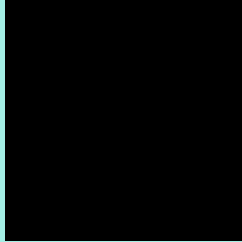
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

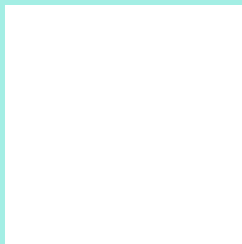
Any Text WCAG AAA ✓ Pass

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

YUV 214.4350, 6.6875, -45.1085 Background



This preview shows how black text looks on a background with the YUV color 214.4350, 6.6875, -45.1085.



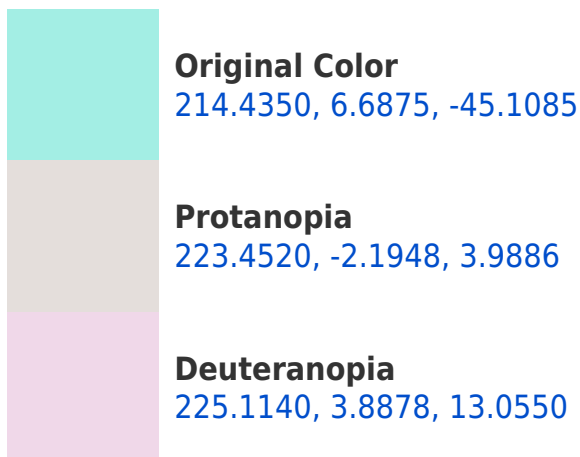
This preview shows how white text looks on a background with the YUV color 214.4350, 6.6875,

-45.1085.

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

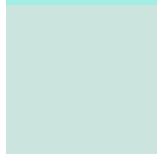
216.7310, 17.8806, -41.8601

Trichromacy



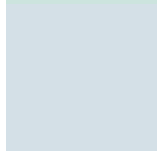
Original Color

214.4350, 6.6875, -45.1085



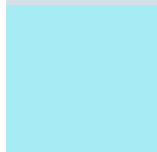
Protanomaly

220.1400, 0.9170, -14.1548



Deuteranomaly

221.2100, 4.8265, -8.0772



Tritanomaly

215.6940, 13.9549, -42.7046

Monochromacy



Original Color

214.4350, 6.6875, -45.1085



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.1720, 2.3802, -16.8138

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.4350, 6.6875, -45.1085 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(163, 238, 228)` looks like.

```
.text, #text, p{  
    color:rgb(163, 238, 228)  
}
```

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(163, 238, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 238, 228) }
```

Border

The CSS property to change the border of an element to YUV 214.4350, 6.6875, -45.1085 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(163, 238, 228) }
```


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

```
.border{ border-color:rgb(163, 238, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 238, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 238, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 238, 228);  
box-shadow:4px 4px 4px 4px rgb(163, 238,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 214.4350, 6.6875, -45.1085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 238, 228) }
```

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

```
.background{ background-color: rgb(163,  
238, 228) }
```

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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