

Converting Colors

YUV(216.3240, -5.0897,
-47.6421)

Have a look what the booklet for
YUV(216.3240, -5.0897, -47.6421)
contains.

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Color

**YUV(216.3240, -5.0897,
-47.6421)**

Conversions

Conversions Part 1

Format	Color
Hex	A2F6CE
RGB	162, 246, 206
RGB Percent	64%, 96%, 81%
CMY	0.3647, 0.0353, 0.1922
CMYK	0.34, 0.00, 0.16, 0.04
HSL	151°, 82%, 80%
HSV	151°, 34%, 96%
XYZ	58.9966, 78.0491, 70.3481
YIQ	216.3240, -37.2240, -30.2480

Conversions

Conversions Part 2

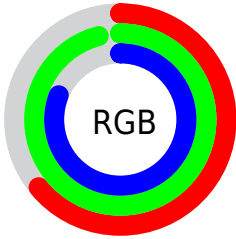
Format	Color
R _Y B	162, 217, 246
Decimal	10680014
CIE Lab	90.80, -33.84, 11.24
CIE LCh	91, 35.660, 161.623
Yxy	78.0491, 0.2845, 0.3763
Android (android.graphics.Color)	4288870094 (0xFFA2F6CE)
YUV	216.3240, -5.0897, -47.6421
Hunter-Lab	88.3454, -35.4031, 14.6301

Details

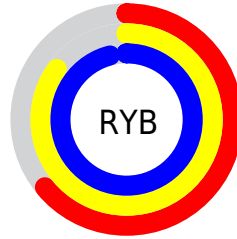
The YUV color **216.3240, -5.0897, -47.6421** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **191.6760, 5.0897, 47.6421**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2360, 5.3067, -22.1320**, and **160.2640, -4.0742, -46.7125** is the 20% darker color. If you saturate the color by 10%, you get **207.4810, -6.6461, -61.8118**, and if you desaturate by 10%, it is **225.1670, -3.5333, -33.4725**.

Distribution



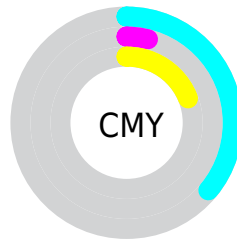
- Red (64%)
- Green (96%)
- Blue (81%)



- Red (64%)
- Yellow (85%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)



- Cyan (36%)
- Magenta (4%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.3240, -5.0897, -47.6421 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 216.3240, -5.0897, -47.6421 by changing the saturation by 10% instead.

 216.3240, -5.0897,
-47.6421


 216.3240, -5.0897,
-47.6421

255.0000, 0.0000,
0.0000

 187.7370, -4.8003,
-47.1273


 244.2360, 5.3067,
-22.1320


 160.2640, -4.0742,
-46.7125

 252.9070, 1.0318,
-4.3034

 133.3780, -3.6374,
-46.8125

 106.3070, -2.6164,
-47.6272

 79.3280, -1.1477,
-52.0307

 56.0510, -1.0111,
-49.1567

 39.4550, -3.6753,

-34.6020

■ 24.0330, -6.9183,
-21.0769

■ 2.9350, -1.4470,
-2.5740

■ 216.3240, -5.0897,
-47.6421

■ 216.3240, -5.0897,
-47.6421

■ 207.4810, -6.6461,
-61.8118

■ 225.1670, -3.5333,
-33.4725

■ 199.0510, -7.9131,
-75.4667

■ 233.5970, -2.2663,
-19.8176

■ 190.2080, -9.4695,
-89.6364

■ 242.4400, -0.7099,
-5.6479

■ 181.6640,
-11.1734, -103.1913

■ 249.4890, 1.7309,
4.8331

■ 172.8210,
-12.7298, -117.3610

■ 249.7170, 2.6045,
4.6332

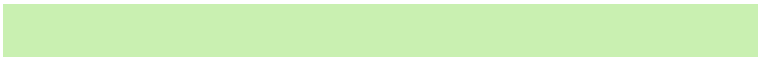
■ 164.0920,
-13.8494, -131.6307

■ 159.1080,
-14.8432, -139.5377

Harmonies

Analogous

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



221.1570, -21.7694, -17.6777



216.3240, -5.0897, -47.6421



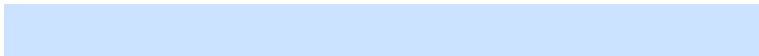
211.9200, 14.3364, -71.8438

Triad

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



216.3240, -5.0897, -47.6421



223.3150, 15.6207, -16.9393



220.0180, -17.2639, 30.6792

Complementary

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



216.3240, -5.0897, -47.6421



191.6760, 5.0897, 47.6421

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.



220.0300, -1.9868, 30.6687



216.3240, -5.0897, -47.6421



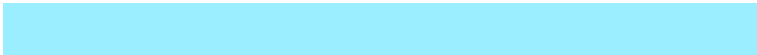
230.0250, 12.3127, 17.5181

Square

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



216.3240, -5.0897, -47.6421



215.1210, 19.6603, -52.7261



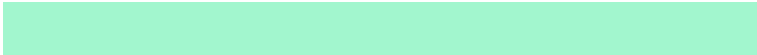
225.7810, 12.4330, 25.6251



223.4940, -29.3305, 27.6308

Rectangle

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



216.3240, -5.0897, -47.6421



209.6510, 22.3571, -77.7469



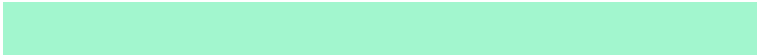
225.7810, 12.4330, 25.6251



219.2830, -12.4645, 31.3238

Sweetspot

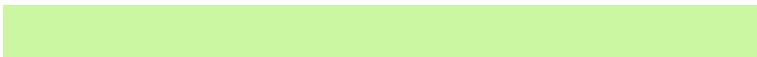
The Sweet Spot groups the original color and five complimentary colors.



216.3240, -5.0897, -47.6421



246.1570, -1.5564, -14.1697



223.5670, -30.3525, -18.0373



122.3040, -1.1359, -9.0366



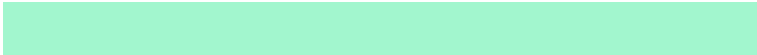
0.0000, 0.0000, 0.0000



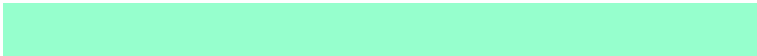
128.0000, 0.0000, 0.0000

Same Dimension

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



216.3240, -5.0897, -47.6421



217.9050, -6.3622, -59.5527



220.2970, 12.6716, -51.1265



117.8420, -0.4151, -6.8774



120.3540, -11.0205, -105.5505



38.1670, -3.5333, -33.4725

Inverse Universe

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



191.6760, 5.0897, 47.6421



187.0950, 6.3622, 59.5527



187.7030, -12.6716, 51.1265



114.2720, 0.8519, 6.7775



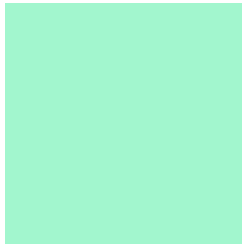
65.7600, 11.4573, 105.4505



20.8330, 3.5333, 33.4725

Previews

White Background



This preview shows how the YUV color 216.3240, -5.0897, -47.6421 looks on a white background.

Color Contrast Check

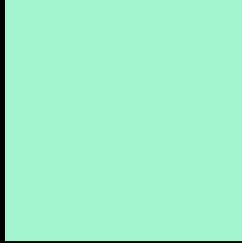
Large Text (above 18pt) WCAG AA × Fail

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 216.3240, -5.0897, -47.6421 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 216.3240, -5.0897, -47.6421 Background



This preview shows how black text looks on a background with the YUV color 216.3240, -5.0897, -47.6421.



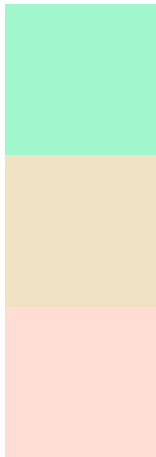
This preview shows how white text looks on a background with the YUV color 216.3240, -5.0897, -47.6421.

-47.6421.

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

216.3240, -5.0897, -47.6421

Protanopia

227.0540, -15.3096, 10.4766

Deuteranopia

229.5530, -8.6536, 22.3170



Tritanopia

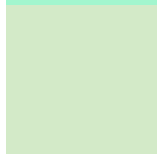
222.5960, 15.9752, -37.3567

Trichromacy



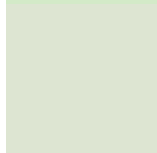
Original Color

216.3240, -5.0897, -47.6421



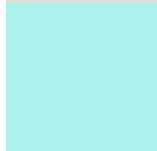
Protanomaly

223.2470, -11.4608, -10.7406



Deuteranomaly

224.4420, -7.1199, -3.0186



Tritanomaly

220.2120, 8.2765, -41.4049

Monochromacy



Original Color

216.3240, -5.0897, -47.6421



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

216.0210, -1.9824, -17.5584

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.3240, -5.0897, -47.6421 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(162, 246, 206)` looks like.

```
.text, #text, p{  
    color:rgb(162, 246, 206)  
}
```

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(162, 246, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 246, 206) }
```

Border

The CSS property to change the border of an element to YUV 216.3240, -5.0897, -47.6421 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(162, 246, 206) }
```


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

```
.border{ border-color:rgb(162, 246, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 246, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 246, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 246, 206);  
box-shadow:4px 4px 4px 4px rgb(162, 246,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 216.3240, -5.0897, -47.6421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 246, 206) }
```

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

```
.background{ background-color: rgb(162,  
246, 206) }
```

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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