

Converting Colors

YUV(217.6240, -10.1676,
-52.2902)

Have a look what the booklet for
YUV(217.6240, -10.1676, -52.2902)
contains.

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Color

**YUV(217.6240, -10.1676,
-52.2902)**

Conversions

Conversions Part 1	
Format	Color
Hex	9EFCC5
RGB	158, 252, 197
RGB Percent	62%, 99%, 77%
CMY	0.3804, 0.0118, 0.2275
CMYK	0.37, 0.00, 0.22, 0.01
HSL	145°, 94%, 80%
HSV	145°, 37%, 99%
XYZ	58.9890, 80.9211, 65.3336
YIQ	217.6240, -38.3690, -37.0330

Conversions

Conversions Part 2

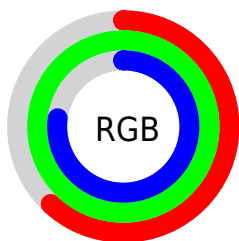
Format	Color
RYB	158, 224, 252
Decimal	10419397
CIELab	92.10, -39.44, 17.68
CIELCh	92, 43.221, 155.849
Yxy	80.9211, 0.2874, 0.3943
Android (android.graphics.Color)	4288609477 (0xFF9EFCC5)
YUV	217.6240, -10.1676, -52.2902
Hunter-Lab	89.9562, -40.3714, 19.9080

Details

The YUV color **217.6240, -10.1676, -52.2902** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **192.3760, 10.1676, 52.2902**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.9260, 5.4595, -24.4911**, and **161.2650, -9.0046, -51.9754** is the 20% darker color. If you saturate the color by 10%, you get **208.4390, -13.0344, -66.1600**, and if you desaturate by 10%, it is **226.8090, -7.3008, -38.4205**.

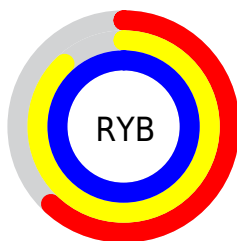
Distribution



Red (62%)

Green (99%)

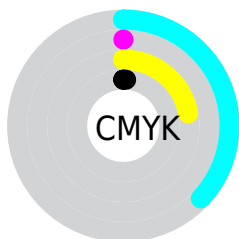
Blue (77%)



Red (62%)

Yellow (88%)

Blue (99%)

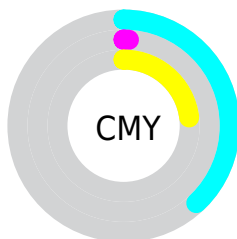


Cyan (37%)

Magenta (0%)

Yellow (22%)

Black (1%)



Cyan (38%)


Magenta (1%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 217.6240, -10.1676, -52.2902 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 217.6240, -10.1676, -52.2902 by changing the saturation by 10% instead.

 217.6240,
-10.1676, -52.2902


 217.6240,
-10.1676, -52.2902

255.0000, 0.0000,
0.0000

 189.1510, -9.4414,
-51.8754


 242.9260, 5.4595,
-24.4911


 161.2650, -9.0046,
-51.9754

 252.0100, 1.4741,
-6.1478

 133.4930, -8.1310,
-52.1754

 106.2370, -6.5258,
-53.7048

 75.0830, -2.9989,
-64.9708

 57.4870, -5.6631,
-50.4161

 41.0050, -7.8905,

-35.9614

■ 25.2410, -12.4438,
-22.1364

■ 8.2180, -4.0515,
-7.2072

■ 217.6240,
-10.1676, -52.2902

■ 217.6240,
-10.1676, -52.2902

■ 208.4390,
-13.0344, -66.1600

■ 226.8090, -7.3008,
-38.4205

■ 199.3680,
-15.4644, -80.1297

■ 235.8800, -4.8708,
-24.4508

■ 189.8840,
-18.1838, -94.6143

■ 245.3640, -2.1515,
-9.9662

■ 180.6990,
-21.0506, -108.4840

■ 253.2390, 0.8682,
1.5444

■ 171.5140,
-23.9174, -122.3538

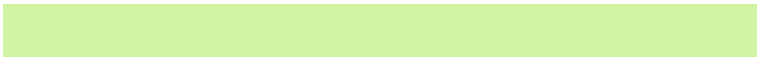
■ 162.4430,
-26.3474, -136.3235

■ 159.8940,
-27.0627, -140.2270

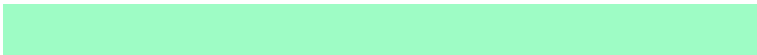
Harmonies

Analogous

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



224.1160, -29.6372, -14.1337



217.6240, -10.1676, -52.2902



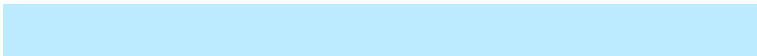
209.2230, 14.6801, -88.7726

Triad

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



217.6240, -10.1676, -52.2902



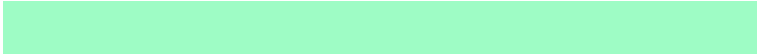
222.6400, 15.9535, -30.3793



218.3710, -15.9589, 32.1236

Complementary

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



217.6240, -10.1676, -52.2902



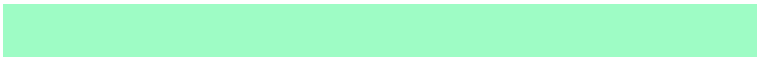
192.3760, 10.1676, 52.2902

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.



219.4090, 3.2494, 31.2133



217.6240, -10.1676, -52.2902



231.7750, 11.4499, 14.2293

Square

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



217.6240, -10.1676, -52.2902



209.9500, 22.2097, -77.1321



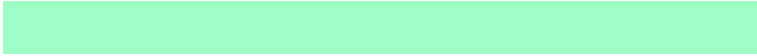
226.2370, 14.1802, 25.2252



222.1090, -32.0987, 28.8454

Rectangle

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



217.6240, -10.1676, -52.2902



203.2840, 25.4960, -104.6121



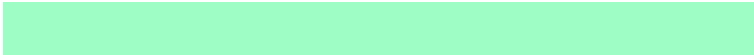
226.2370, 14.1802, 25.2252



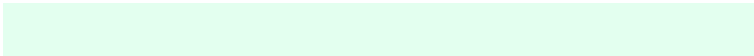
217.9780, -9.8492, 32.4683

Sweetspot

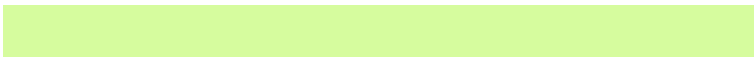
The Sweet Spot groups the original color and five complimentary colors.



217.6240, -10.1676, -52.2902



244.8040, -2.8614, -15.6141



229.9220, -35.4575, -13.9636



121.7770, -1.8621, -9.4514



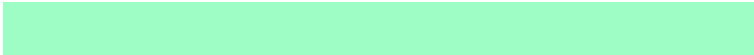
0.0000, 0.0000, 0.0000



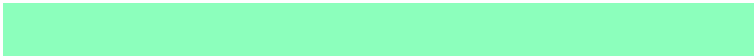
128.0000, 0.0000, 0.0000

Same Dimension

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



217.6240, -10.1676, -52.2902



212.9770, -12.3137, -64.0008



222.8680, 9.9251, -56.8892



120.3150, -1.1413, -7.2923



119.8350, -20.6247, -105.0953



38.6570, -6.7329, -33.9022

Inverse Universe

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



192.3760, 10.1676, 52.2902



182.0230, 12.3137, 64.0008



187.1320, -9.9251, 56.8892



116.7990, 1.5781, 7.1923



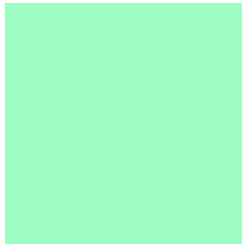
69.0510, 20.1879, 105.1953



22.3430, 6.7329, 33.9022

Previews

White Background



This preview shows how the YUV color 217.6240, -10.1676, -52.2902 looks on a white background.

Color Contrast Check

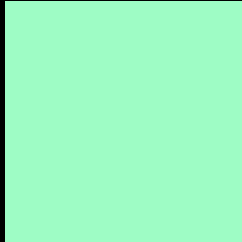
Large Text (above 18pt) WCAG AA × Fail

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 217.6240, -10.1676, -52.2902 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 217.6240, -10.1676, -52.2902 Background



This preview shows how black text looks on a background with the YUV color 217.6240, -10.1676, -52.2902.



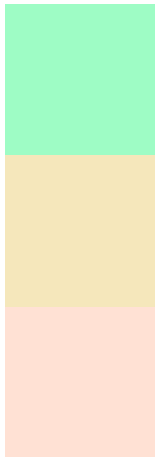
This preview shows how white text looks on a background with the YUV color 217.6240, -10.1676, -52.2902.

-52.2902.

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

217.6240, -10.1676, -52.2902

Protanopia

230.1700, -21.2828, 13.0059

Deuteranopia

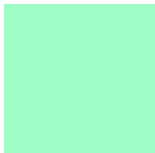
232.4880, -10.1006, 19.7430



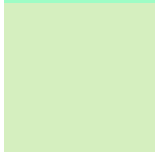
Tritanopia

226.7600, 13.9223, -32.2385

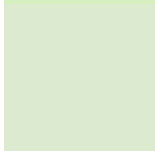
Trichromacy



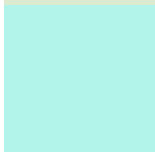
Original Color
217.6240, -10.1676, -52.2902



Protanomaly
225.7540, -17.1337, -11.1853

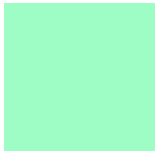


Deuteranomaly
227.3230, -10.0192, -6.4223

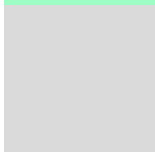


Tritanomaly
223.1260, 5.3609, -39.5755

Monochromacy



Original Color
217.6240, -10.1676, -52.2902



Achromatopsia
218.0000, 0.0000, 0.0000



Achromatomaly
217.5540, -3.7241, -18.9029

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.6240, -10.1676, -52.2902 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, 252, 197)` looks like.

```
.text, #text, p{  
    color:rgb(158, 252, 197)  
}
```

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, 252, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 252, 197) }
```

Border

The CSS property to change the border of an element to YUV 217.6240, -10.1676, -52.2902 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, 252, 197) }
```


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

```
.border{ border-color:rgb(158, 252, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 252, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 252, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 252, 197);  
box-shadow:4px 4px 4px 4px rgb(158, 252,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 217.6240, -10.1676, -52.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 252, 197) }
```

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

```
.background{ background-color: rgb(158,  
252, 197) }
```

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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