

Converting Colors

YUV(216.6240, -10.1676,
-52.2902)

Have a look what the booklet for
YUV(216.6240, -10.1676, -52.2902)
contains.

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Color

**YUV(216.6240, -10.1676,
-52.2902)**

Conversions

Conversions Part 1

Format	Color
Hex	9DFBC4
RGB	157, 251, 196
RGB Percent	62%, 98%, 77%
CMY	0.3843, 0.0157, 0.2314
CMYK	0.37, 0.00, 0.22, 0.02
HSL	145°, 92%, 80%
HSV	145°, 37%, 98%
XYZ	58.3656, 80.1480, 64.6185
YIQ	216.6240, -38.3690, -37.0330

Conversions

Conversions Part 2

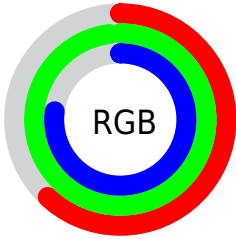
Format	Color
RYB	157, 223, 251
Decimal	10353604
CIELab	91.75, -39.46, 17.71
CIELCh	92, 43.248, 155.833
Yxy	80.1480, 0.2873, 0.3946
Android (android.graphics.Color)	4288543684 (0xFF9DFBC4)
YUV	216.6240, -10.1676, -52.2902
Hunter-Lab	89.5254, -40.2973, 19.8729

Details

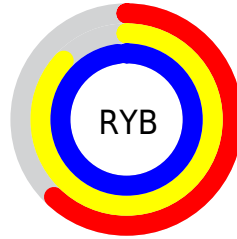
The YUV color **216.6240, -10.1676, -52.2902** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **191.3760, 10.1676, 52.2902**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.5130, 5.1701, -25.0059**, and **160.2650, -9.0046, -51.9754** is the 20% darker color. If you saturate the color by 10%, you get **207.4390, -13.0344, -66.1600**, and if you desaturate by 10%, it is **225.8090, -7.3008, -38.4205**.

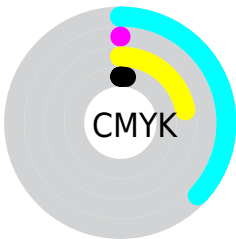
Distribution



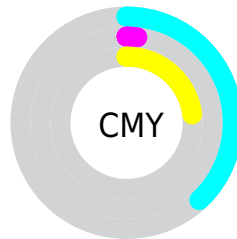
- Red (62%)
- Green (98%)
- Blue (77%)



- Red (62%)
- Yellow (87%)
- Blue (98%)



- Cyan (37%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.6240, -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 216.6240, -10.1676, -52.2902 by changing the saturation by 10% instead.

■ 216.6240,
-10.1676, -52.2902

■ 216.6240,
-10.1676, -52.2902

255.0000, 0.0000,
0.0000

■ 188.1510, -9.4414,
-51.8754

■ 242.5130, 5.1701,
-25.0059

■ 160.2650, -9.0046,
-51.9754

■ 251.7110, 1.6215,
-6.7625

■ 132.4930, -8.1310,
-52.1754

■ 105.8240, -6.8152,
-54.2196

■ 74.6700, -3.2883,
-65.4856

■ 56.7860, -5.8105,
-49.8013

■ 40.3040, -8.0379,

-35.3466

■ 24.6540, -12.1544,
-21.6216

■ 7.0440, -3.4727,
-6.1776

■ 216.6240,
-10.1676, -52.2902

■ 216.6240,
-10.1676, -52.2902

■ 207.4390,
-13.0344, -66.1600

■ 225.8090, -7.3008,
-38.4205

■ 198.3680,
-15.4644, -80.1297

■ 234.8800, -4.8708,
-24.4508

■ 189.1830,
-18.3312, -93.9995

■ 244.0650, -2.0040,
-10.5810

■ 179.9980,
-21.1980, -107.8692

■ 252.6520, 1.1576,
2.0592

■ 170.6280,
-23.4806, -122.4538

■ 161.4430,
-26.3474, -136.3235

■ 159.1930,
-27.2101, -139.6123

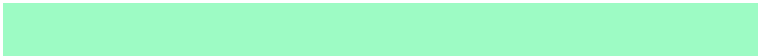
Harmonies

Analogous

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



223.1160, -29.6372, -14.1337



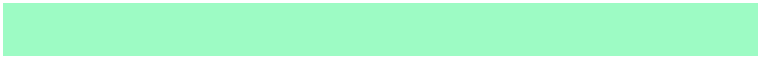
216.6240, -10.1676, -52.2902



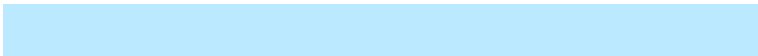
207.9240, 14.8275, -89.3873

Triad

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



216.6240, -10.1676, -52.2902



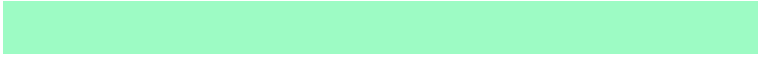
221.7540, 16.3903, -30.4793



217.6700, -16.1063, 32.7384

Complementary

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



216.6240, -10.1676, -52.2902



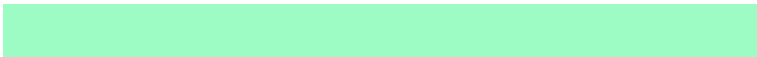
191.3760, 10.1676, 52.2902

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.



218.7080, 3.1020, 31.8281



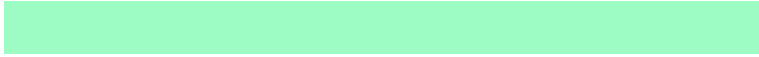
216.6240, -10.1676, -52.2902



230.8890, 11.8867, 14.1293

Square

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



216.6240, -10.1676, -52.2902



208.7650, 22.7939, -77.8469



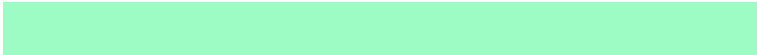
225.6500, 14.4696, 25.7400



221.4080, -32.2461, 29.4602

Rectangle

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



216.6240, -10.1676, -52.2902



202.0990, 26.0802, -105.3268



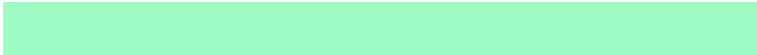
225.6500, 14.4696, 25.7400



217.2770, -9.9966, 33.0831

Sweetspot

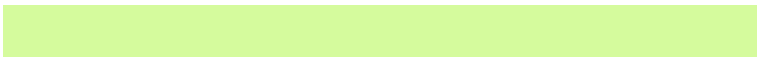
The Sweet Spot groups the original color and five complimentary colors.



216.6240, -10.1676, -52.2902



244.8040, -2.8614, -15.6141



228.9220, -35.4575, -13.9636



121.7770, -1.8621, -9.4514



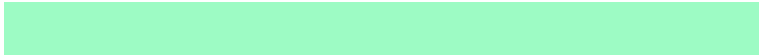
0.0000, 0.0000, 0.0000



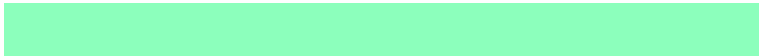
128.0000, 0.0000, 0.0000

Same Dimension

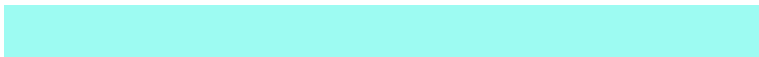
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.6240, -10.1676, -52.2902



212.9770, -12.3137, -64.0008



221.8680, 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.



191.3760, 10.1676, 52.2902



182.0230, 12.3137, 64.0008



186.1320, -9.9251, 56.8892



116.7990, 1.5781, 7.1923



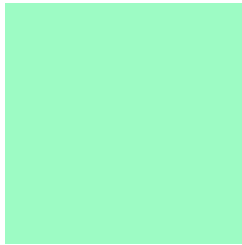
69.0510, 20.1879, 105.1953



22.3430, 6.7329, 33.9022

Previews

White Background



This preview shows how the YUV color 216.6240, -10.1676, -52.2902 looks on a white background.

Color Contrast Check

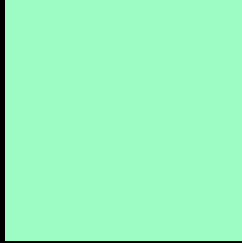
Large Text (above 18pt) WCAG AA × Fail

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 216.6240, -10.1676, -52.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

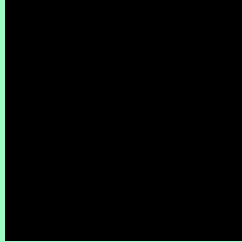
Any Text WCAG AA ✓ Pass

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 216.6240, -10.1676, -52.2902 Background



This preview shows how black text looks on a background with the YUV color 216.6240, -10.1676, -52.2902.



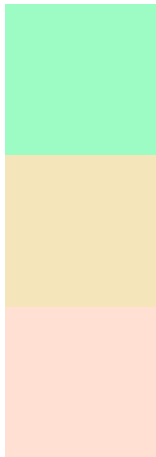
This preview shows how white text looks on a background with the YUV color 216.6240, -10.1676, -52.2902.

-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

216.6240, -10.1676, -52.2902

Protanopia

229.1700, -21.2828, 13.0059

Deuteranopia

231.6730, -10.6848, 20.4578



Tritanopia

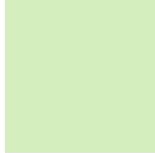
225.8630, 14.3645, -34.0829

Trichromacy



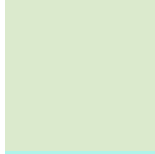
Original Color

216.6240, -10.1676, -52.2902



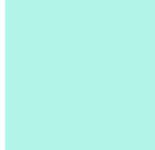
Protanomaly

224.7540, -17.1337, -11.1853



Deuteranomaly

226.2090, -10.4560, -6.3223



Tritanomaly

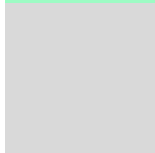
222.5280, 5.6557, -40.8051

Monochromacy



Original Color

216.6240, -10.1676, -52.2902



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

216.5540, -3.7241, -18.9029

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.6240, -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(157, 251, 196)` looks like.

```
.text, #text, p{  
    color:rgb(157, 251, 196)  
}
```

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(157, 251, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 251, 196) }
```

Border

The CSS property to change the border of an element to YUV 216.6240, -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(157, 251, 196) }
```


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

```
.border{ border-color:rgb(157, 251, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 251, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 251, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 251, 196);  
box-shadow:4px 4px 4px 4px rgb(157, 251,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 216.6240, -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(157, 251, 196) }
```

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

```
.background{ background-color: rgb(157,  
251, 196) }
```

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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