

Converting Colors

YUV(109.1210, -44.4297,
-76.4051)

Have a look what the booklet for
YUV(109.1210, -44.4297, -76.4051)
contains.

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Color

**YUV(109.1210, -44.4297,
-76.4051)**

Conversions

Conversions Part 1

Format	Color
Hex	16AB13
RGB	22, 171, 19
RGB Percent	9%, 67%, 7%
CMY	0.9137, 0.3294, 0.9255
CMYK	0.87, 0.00, 0.89, 0.33
HSL	119°, 80%, 37%
HSV	119°, 89%, 67%
XYZ	15.0113, 29.3434, 5.4888
YIQ	109.1210, -40.0120, -78.8600

Conversions

Conversions Part 2

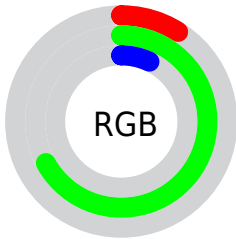
Format	Color
R_{YB}	19, 171, 168
Decimal	1485587
CIE Lab	61.08, -61.99, 59.02
CIE LCh	61, 85.592, 136.404
Yxy	29.3434, 0.3012, 0.5887
Android (android.graphics.Color)	4279675667 (0xFF16AB13)
YUV	109.1210, -44.4297, -76.4051
Hunter-Lab	54.1696, -45.3313, 31.9111

Details

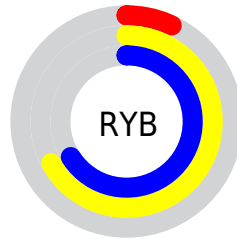
The YUV color **109.1210, -44.4297, -76.4051** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **80.8790, 44.4297, 76.4051**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.9700, -45.3412, -63.9947**, and **68.6790, -33.8587, -60.2315** is the 20% darker color. If you saturate the color by 10%, you get **102.1000, -49.3493, -85.1567**, and if you desaturate by 10%, it is **116.1420, -39.5100, -67.6535**.

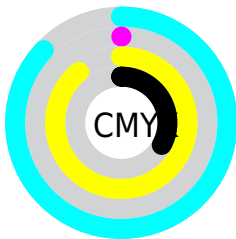
Distribution



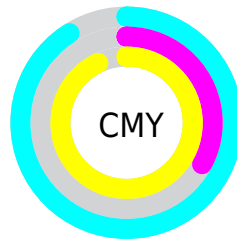
- Red (9%)
- Green (67%)
- Blue (7%)



- Red (7%)
- Yellow (67%)
- Blue (66%)



- Cyan (87%)
- Magenta (0%)
- Yellow (89%)
- Black (33%)



- Cyan (91%)
- Magenta (33%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1210, -44.4297, -76.4051 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 109.1210, -44.4297, -76.4051 by changing the saturation by 10% instead.

■ 109.1210,
-44.4297, -76.4051

■ 109.1210,
-44.4297, -76.4051

■ 255.0000, 0.0000,
0.0000

■ 84.5280, -41.6723,
-74.1311

■ 172.9700,
-45.3412, -63.9947

■ 68.6790, -33.8587,
-60.2315

■ 201.2800,
-45.4940, -61.6356

■ 53.4170, -26.3346,
-46.8467

■ 213.6270,
-38.2701, -45.2769

■ 38.7420, -19.0998,
-33.9767

■ 225.7890,
-30.4620, -29.6330

■ 25.2410, -12.4438,
-22.1364

■ 237.9510,
-22.6538, -13.9890

■ 4.1090, -2.0257,
-3.6036

■ 250.2270,

■ 0.0000, 0.0000,

-14.4089, 1.5549

0.0000

254.4300, -2.1840,
0.4999

■ 109.1210,
-44.4297, -76.4051

■ 109.1210,
-44.4297, -76.4051

■ 102.1000,
-49.3493, -85.1567

■ 116.1420,
-39.5100, -67.6535

■ 101.2740,
-49.9281, -86.1863

■ 123.1630,
-34.5904, -58.9020

■ 129.8850,
-29.5233, -50.7651

■ 136.9060,
-24.6037, -42.0136

■ 143.9270,
-19.6840, -33.2620

■ 151.0620,
-14.3276, -24.6104

■ 157.7840, -9.2605,
-16.4736

■ 164.8050, -4.3409,
-7.7220

■ 171.8260, 0.5788,
1.0296

Harmonies

Analogous

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



134.0190, -66.0714, 5.2453



109.1210, -44.4297, -76.4051



116.9120, -3.9006, -102.5318

Triad

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



109.1210, -44.4297, -76.4051



126.5120, 63.3446, -110.9510



118.7220, -4.2999, 119.5158

Complementary

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



109.1210, -44.4297, -76.4051



80.8790, 44.4297, 76.4051

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.



131.3810, 26.4342, 108.4139



109.1210, -44.4297, -76.4051



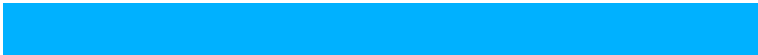
113.0110, 70.0006, -99.1106

Square

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



109.1210, -44.4297, -76.4051



132.9690, 60.1613, -116.6138



149.6900, 50.9318, 44.1219



135.4130, -49.5036, 104.8778

Rectangle

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



109.1210, -44.4297, -76.4051



124.1280, 18.6709, -108.8603



149.6900, 50.9318, 44.1219



117.4630, 8.6457, 120.6199

Sweetspot

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



109.1210, -44.4297, -76.4051



197.5190, -17.5109, -30.2732



150.7370, -64.9463, 17.7707



97.4310, -10.5655, -17.9180



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



109.1210, -44.4297, -76.4051



131.5100, -64.8344, -111.8263



116.3180, -12.9748, -85.3479



83.2830, -2.6045, -4.6332



88.9470, -43.8509, -75.3755



13.5010, -6.6560, -11.8404

Inverse Universe

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



80.8790, 44.4297, 76.4051



90.1910, 64.9818, 111.2115



73.6820, 12.9748, 85.3479



81.7170, 2.6045, 4.6332



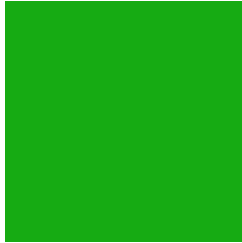
61.0530, 43.8509, 75.3755



9.2000, 6.8034, 11.2256

Previews

White Background



This preview shows how the YUV color 109.1210, -44.4297, -76.4051 looks on a white background.

Color Contrast Check

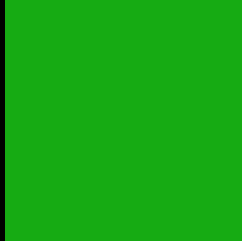
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.1210, -44.4297, -76.4051 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 × Fail

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

YUV 109.1210, -44.4297, -76.4051 Background



This preview shows how black text looks on a background with the YUV color 109.1210, -44.4297, -76.4051.



This preview shows how white text looks on a background with the YUV color 109.1210, -44.4297, -76.4051.

-76.4051.

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

109.1210, -44.4297, -76.4051

Protanopia

136.5360, -63.3682, 24.9629

Deuteranopia

141.2830, -49.4395, 37.4628



Tritanopia

135.0670, 18.2080, -53.5558

Trichromacy



Original Color

109.1210, -44.4297, -76.4051



Protanomaly

126.7270, -56.5604, -12.0386



Deuteranomaly

129.7740, -47.7096, -4.1868



Tritanomaly

125.3500, -4.6096, -61.6970

Monochromacy



Original Color

109.1210, -44.4297, -76.4051



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

109.1710, -16.3533, -28.2140

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1210, -44.4297, -76.4051 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(22, 171, 19)` looks like.

```
.text, #text, p{  
    color:rgb(22, 171, 19)  
}
```

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(22, 171, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 171, 19) }
```

Border

The CSS property to change the border of an element to YUV 109.1210, -44.4297, -76.4051 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(22, 171, 19) }
```


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

```
.border{ border-color:rgb(22, 171, 19) }
```

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

Here you see how a box with a 4 pixel rgb(22, 171, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 171, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 171, 19);  
box-shadow:4px 4px 4px 4px rgb(22, 171,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 109.1210, -44.4297, -76.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 171, 19) }
```

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

```
.background{ background-color: rgb(22, 171,  
19) }
```

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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