

Converting Colors

YUV(204.1950, -46.4381,
-38.7590)

Have a look what the booklet for
YUV(204.1950, -46.4381, -38.7590)
contains.

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Color

**YUV(204.1950, -46.4381,
-38.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	A0F56E
RGB	160, 245, 110
RGB Percent	63%, 96%, 43%
CMY	0.3725, 0.0392, 0.5686
CMYK	0.35, 0.00, 0.55, 0.04
HSL	98°, 87%, 70%
HSV	98°, 55%, 96%
XYZ	49.9641, 73.9042, 26.3834
YIQ	204.1950, -7.3250, -60.0050

Conversions

Conversions Part 2

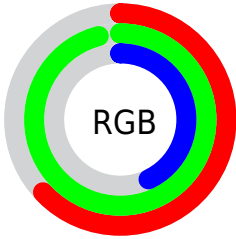
Format	Color
RYB	110, 245, 195
Decimal	10548590
CIELab	88.88, -48.53, 56.14
CIELCh	89, 74.203, 130.841
Yxy	73.9042, 0.3325, 0.4919
Android (android.graphics.Color)	4288738670 (0xFFA0F56E)
YUV	204.1950, -46.4381, -38.7590
Hunter-Lab	85.9675, -46.6995, 41.9812

Details

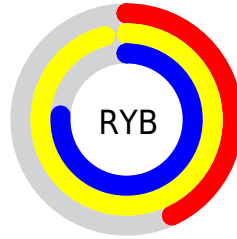
The YUV color **204.1950, -46.4381, -38.7590** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **150.8050, 46.4381, 38.7590**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.6770, -33.8578, -13.7487**, and **147.5370, -45.1277, -39.0589** is the 20% darker color. If you saturate the color by 10%, you get **196.9740, -54.7102, -45.5812**, and if you desaturate by 10%, it is **211.5300, -37.7293, -32.0368**.

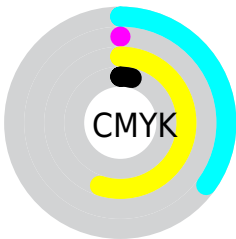
Distribution



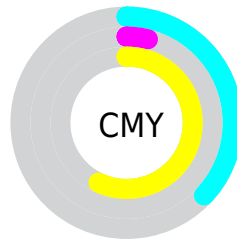
- Red (63%)
- Green (96%)
- Blue (43%)



- Red (43%)
- Yellow (96%)
- Blue (76%)



- Cyan (35%)
- Magenta (0%)
- Yellow (55%)
- Black (4%)



- Cyan (37%)
- Magenta (4%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.1950, -46.4381, -38.7590 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 204.1950, -46.4381, -38.7590 by changing the saturation by 10% instead.

■ 204.1950,
-46.4381, -38.7590

■ 204.1950,
-46.4381, -38.7590

■ 255.0000, 0.0000,
0.0000

■ 175.4230,
-45.5645, -38.9590

■ 233.6770,
-33.8578, -13.7487

■ 147.5370,
-45.1277, -39.0589

■ 245.8390,
-26.0496, 1.8952

■ 119.4830,
-46.5801, -39.8886

■ 251.2380,
-14.4143, 3.2993

■ 91.2160, -44.9695,
-43.1624

■ 254.5440, -1.7472,
0.3999

■ 63.3960, -31.2542,
-55.5983

■ 48.7210, -24.0195,
-42.7283

■ 34.6330, -17.0741,

-30.3731

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 204.1950,
-46.4381, -38.7590

■ 204.1950,
-46.4381, -38.7590

■ 196.9740,
-54.7102, -45.5812

■ 211.5300,
-37.7293, -32.0368

■ 189.3400,
-63.2716, -52.9182

■ 219.0500,
-29.6046, -24.5998

■ 182.1190,
-71.5437, -59.7404

■ 226.3850,
-20.8958, -17.8776

■ 174.4850,
-80.1051, -67.0773

■ 233.9050,
-12.7712, -10.4407

■ 171.0240,
-84.3148, -70.1810

■ 241.2400, -4.0623,
-3.7185

■ 248.5320, 3.1887,
3.9184

■ 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



213.0210, -69.0304, 21.0296



204.1950, -46.4381, -38.7590



169.5210, 2.2081, -148.6699

Triad

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



204.1950, -46.4381, -38.7590



171.7110, 41.0615, -150.5905



192.3780, 3.7576, 54.9195

Complementary

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



204.1950, -46.4381, -38.7590



150.8050, 46.4381, 38.7590

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.



203.3440, 25.4664, 45.3023



204.1950, -46.4381, -38.7590



200.3470, 26.9439, -55.5553

Square

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



204.1950, -46.4381, -38.7590



178.7550, 37.5888, -156.7681



219.1930, 17.6529, 31.4027



194.8330, -29.9907, 52.7665

Rectangle

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



204.1950, -46.4381, -38.7590



175.1070, 23.6112, -153.5688



219.1930, 17.6529, 31.4027



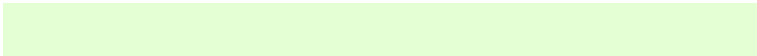
195.1140, 14.2408, 52.5200

Sweetspot

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



204.1950, -46.4381, -38.7590



242.0250, -14.8023, -12.2999



199.0860, -43.9194, 40.2666



119.9530, -8.8508, -7.8518



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.



204.1950, -46.4381, -38.7590



204.1540, -57.7569, -48.3701



191.0690, -32.0790, -71.0975



118.5390, -4.2097, -3.1037



129.8130, -63.9978, -53.3330



41.2110, -20.3170, -16.8480

Inverse Universe

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



150.8050, 46.4381, 38.7590



137.8460, 57.7569, 48.3701



163.9310, 32.0790, 71.0975



113.7600, 4.0623, 3.7185



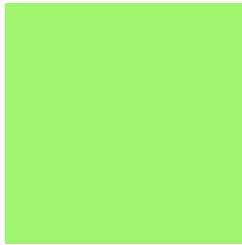
56.1870, 63.9978, 53.3330



17.7890, 20.3170, 16.8480

Previews

White Background



This preview shows how the YUV color 204.1950, -46.4381, -38.7590 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 204.1950, -46.4381, -38.7590 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

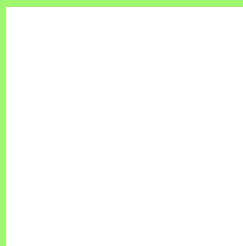
Any Text WCAG AAA ✓ Pass

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

YUV 204.1950, -46.4381, -38.7590 Background



This preview shows how black text looks on a background with the YUV color 204.1950, -46.4381, -38.7590.



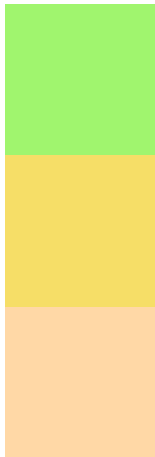
This preview shows how white text looks on a background with the YUV color 204.1950, -46.4381, -38.7590.

-38.7590.

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

204.1950, -46.4381, -38.7590

Protanopia

215.6100, -55.5167, 26.6520

Deuteranopia

221.9610, -27.5888, 28.9752



Tritanopia

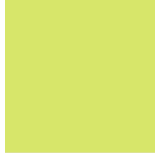
217.8140, 15.3747, -31.4089

Trichromacy



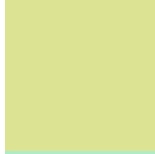
Original Color

204.1950, -46.4381, -38.7590



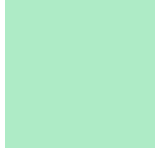
Protanomaly

211.3790, -51.9518, 3.1756



Deuteranomaly

215.6730, -34.3488, 3.7948



Tritanomaly

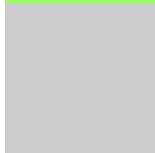
212.5430, -7.1697, -33.8022

Monochromacy



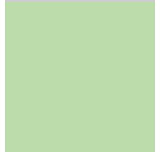
Original Color

204.1950, -46.4381, -38.7590



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.1450, -16.8335, -14.1592

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.1950, -46.4381, -38.7590 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(160, 245, 110)` looks like.

```
.text, #text, p{  
    color:rgb(160, 245, 110)  
}
```

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(160, 245, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 245, 110) }
```

Border

The CSS property to change the border of an element to YUV 204.1950, -46.4381, -38.7590 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(160, 245, 110) }
```


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

```
.border{ border-color:rgb(160, 245, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 245, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 245, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 245, 110);  
box-shadow:4px 4px 4px 4px rgb(160, 245,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 204.1950, -46.4381, -38.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 245, 110) }
```

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

```
.background{ background-color: rgb(160,  
245, 110) }
```

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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