

Converting Colors

YUV(148.4580, -41.6378,
8.3683)

Have a look what the booklet for
YUV(148.4580, -41.6378, 8.3683)
contains.

YUV(148.4580, -41.6378, 8.3683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(148.4580, -41.6378,
8.3683)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA040
RGB	158, 160, 64
RGB Percent	62%, 63%, 25%
CMY	0.3804, 0.3725, 0.7490
CMYK	0.01, 0.00, 0.60, 0.37
HSL	61°, 43%, 44%
HSV	61°, 60%, 63%
XYZ	27.5968, 32.7809, 9.7233
YIQ	148.4580, 29.6240, -30.2800

Conversions

Conversions Part 2

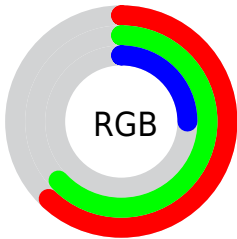
Format	Color
RYB	64, 160, 66
Decimal	10395712
CIELab	63.98, -13.67, 48.51
CIELCh	64, 50.395, 105.735
Yxy	32.7809, 0.3937, 0.4676
Android (android.graphics.Color)	4288585792 (0xFF9EA040)
YUV	148.4580, -41.6378, 8.3683
Hunter-Lab	57.2546, -14.1583, 30.0092

Details

The YUV color **148.4580, -41.6378, 8.3683** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **75.5420, 41.6378, -8.3683**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.7140, -43.2430, 9.8978**, and **95.7630, -44.2532, 7.2238** is the 20% darker color. If you saturate the color by 10%, you get **146.6340, -48.6266, 9.9680**, and if you desaturate by 10%, it is **150.2820, -34.6490, 6.7687**.

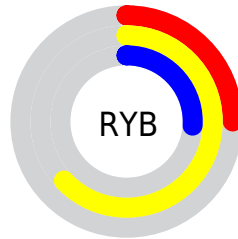
Distribution



Red (62%)

Green (63%)

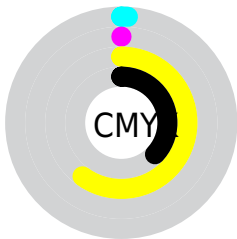
Blue (25%)



Red (25%)

Yellow (63%)

Blue (26%)

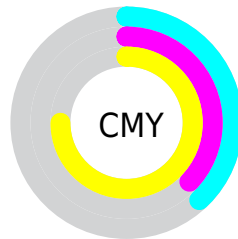


Cyan (1%)

Magenta (0%)

Yellow (60%)

Black (37%)



Cyan (38%)

Magenta (37%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.4580, -41.6378, 8.3683 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 148.4580, -41.6378, 8.3683 by changing the saturation by 10% instead.

■ 148.4580,
-41.6378, 8.3683

■ 148.4580,
-41.6378, 8.3683

■ 255.0000, 0.0000,
0.0000

■ 122.1590,
-41.4904, 7.7536

■ 203.7140,
-43.2430, 9.8978

■ 95.7630, -44.2532,
7.2238

■ 231.7850,
-44.2640, 10.7126

■ 73.2170, -36.0960,
4.1947

■ 245.3100,
-37.1278, 8.4981

■ 51.6540, -25.4654,
1.1804

■ 248.3880,
-25.3343, 5.7987

■ 31.8520, -15.7030,
-3.3782

■ 251.6940,
-12.6671, 2.8994

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,

0.0000

■ 148.4580,
-41.6378, 8.3683

■ 148.4580,
-41.6378, 8.3683

■ 146.6340,
-48.6266, 9.9680

■ 150.2820,
-34.6490, 6.7687

■ 144.5110,
-55.4679, 10.9529

■ 152.4050,
-27.8077, 5.7838

■ 142.6870,
-62.4567, 12.5525

■ 154.2290,
-20.8189, 4.1842

■ 140.8630,
-69.4455, 14.1521

■ 156.0530,
-13.8301, 2.5845

■ 158.1760, -6.9888,
1.5996

■ 160.0000, 0.0000,
0.0000

■ 161.8240, 6.9888,
-1.5996

■ 163.9470, 13.8301,
-2.5845

■ 165.7710, 20.8189,
-4.1842

Harmonies

Analogous

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



152.1400, -42.4670, 41.0962



148.4580, -41.6378, 8.3683



142.0430, -25.6572, -30.7327

Triad

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



148.4580, -41.6378, 8.3683



127.5770, 44.5785, -111.8850



158.0180, 9.8511, 60.4972

Complementary

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



148.4580, -41.6378, 8.3683



75.5420, 41.6378, -8.3683

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.



159.7220, 28.7311, 24.7998



148.4580, -41.6378, 8.3683



125.0300, 57.6662, -109.6513

Square

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



148.4580, -41.6378, 8.3683



124.7780, 26.2384, -109.4303



152.9910, 43.8814, -28.0561



155.3020, -10.9949, 73.4031

Rectangle

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



148.4580, -41.6378, 8.3683



133.5900, -8.6719, -65.4154



152.9910, 43.8814, -28.0561



159.0860, 16.7196, 50.7906

Sweetspot

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



148.4580, -41.6378, 8.3683



204.3690, -16.4509, 3.1844



93.8780, -14.7299, 57.9890



102.0790, -9.8989, 1.6847



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



148.4580, -41.6378, 8.3683



191.0030, -65.0775, 13.1524



134.1060, -34.5623, -21.1410



78.0880, -3.4944, 0.7998



125.8010, -62.0199, 12.4525



13.2900, -6.5520, 1.4997

Inverse Universe

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



75.5420, 41.6378, -8.3683



76.9970, 65.0775, -13.1524



89.8940, 34.5623, 21.1410



71.9120, 3.4944, -0.7998



17.1990, 62.0199, -12.4525



1.7100, 6.5520, -1.4997

Previews

White Background



This preview shows how the YUV color 148.4580, -41.6378, 8.3683 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 148.4580, -41.6378, 8.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

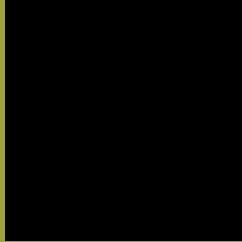
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.4580, -41.6378, 8.3683

Background



This preview shows how black text looks on a background with the YUV color 148.4580, -41.6378, 8.3683.



This preview shows how white text looks on a background with the YUV color 148.4580, -41.6378, 8.3683.

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

148.4580, -41.6378, 8.3683

Protanopia

149.8940, -42.8387, 20.2640

Deuteranopia

151.4490, -41.1404, 35.5632



Tritanopia

156.7500, 2.5883, 9.8663

Trichromacy



Original Color

148.4580, -41.6378, 8.3683

Protanomaly

149.5730, -42.6805, 16.1605

Deuteranomaly

150.6820, -41.2552, 25.7119

Tritanomaly

153.7980, -13.7044, 8.9472

Monochromacy



Original Color

148.4580, -41.6378, 8.3683

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.0100, -15.2879, 3.4992

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.4580, -41.6378, 8.3683 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, 160, 64)` looks like.

```
.text, #text, p{  
    color:rgb(158, 160, 64)  
}
```

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, 160, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 160, 64) }
```

Border

The CSS property to change the border of an element to YUV 148.4580, -41.6378, 8.3683 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, 160, 64) }
```


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

```
.border{ border-color:rgb(158, 160, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 160, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 160, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 160, 64);  
box-shadow:4px 4px 4px 4px rgb(158, 160,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 148.4580, -41.6378, 8.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 160, 64) }
```

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

```
.background{ background-color: rgb(158,  
160, 64) }
```

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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