

Converting Colors

YUV(115.4580, -14.5228,
38.1863)

Have a look what the booklet for
YUV(115.4580, -14.5228, 38.1863)
contains.

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Color

**YUV(115.4580, -14.5228,
38.1863)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6356
RGB	159, 99, 86
RGB Percent	62%, 39%, 34%
CMY	0.3765, 0.6118, 0.6627
CMYK	0.00, 0.38, 0.46, 0.38
HSL	11°, 30%, 48%
HSV	11°, 46%, 62%
XYZ	20.4396, 16.9665, 11.0017
YIQ	115.4580, 39.9330, 8.6770

Conversions

Conversions Part 2

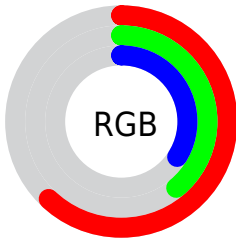
Format	Color
R _Y B	159, 102, 86
Decimal	10445654
CIE Lab	48.22, 22.76, 17.57
CIE LCh	48, 28.749, 37.666
Yxy	16.9665, 0.4222, 0.3505
Android (android.graphics.Color)	4288635734 (0xFF9F6356)
YUV	115.4580, -14.5228, 38.1863
Hunter-Lab	41.1904, 16.4926, 12.9973

Details

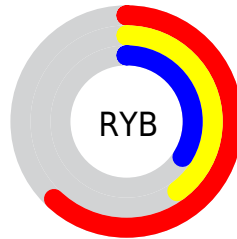
The YUV color **115.4580, -14.5228, 38.1863** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **129.5420, 14.5228, -38.1863**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1380, -15.8440, 41.9750**, and **66.0060, -12.3280, 34.1977** is the 20% darker color. If you saturate the color by 10%, you get **106.0030, -17.7495, 46.4784**, and if you desaturate by 10%, it is **124.9130, -11.2961, 29.8943**.

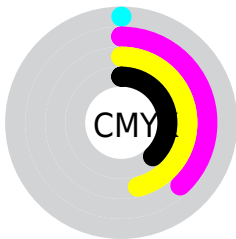
Distribution



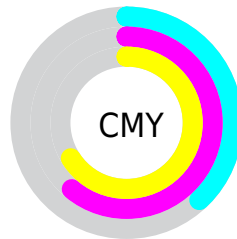
- Red (62%)
- Green (39%)
- Blue (34%)



- Red (62%)
- Yellow (40%)
- Blue (34%)



- Cyan (0%)
- Magenta (38%)
- Yellow (46%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.4580, -14.5228, 38.1863 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 115.4580, -14.5228, 38.1863 by changing the saturation by 10% instead.

■ 115.4580,
-14.5228, 38.1863

■ 115.4580,
-14.5228, 38.1863

■ 255.0000, 0.0000,
0.0000

■ 90.6750, -13.6438,
36.2420

■ 168.1380,
-15.8440, 41.9750

■ 66.0060, -12.3280,
34.1977

■ 195.6220,
-16.5756, 43.3045

■ 42.9240, -11.3015,
31.6387

■ 218.1260,
-14.3591, 32.3385

■ 19.6680, -9.6963,
30.1092

■ 237.7540,
-10.2317, 15.1247

■ 8.4860, -3.6906,
17.1138

■ 253.8600, -4.3680,
0.9998

■ 0.0000, 0.0000,
0.0000

■ 115.4580,
-14.5228, 38.1863

■ 115.4580,
-14.5228, 38.1863

■ 106.0030,
-17.7495, 46.4784

■ 124.9130,
-11.2961, 29.8943

■ 96.5480, -20.9762,
54.7704

■ 134.3680, -8.0694,
21.6023

■ 87.0930, -24.2028,
63.0624

■ 143.8230, -4.8427,
13.3102

■ 77.6380, -27.4295,
71.3545

■ 153.2780, -1.6161,
5.0182

■ 68.2970, -30.2194,
79.5465

■ 162.7330, 1.6106,
-3.2738

■ 63.9770, -31.5407,
83.3352

■ 172.0740, 4.4005,
-11.4659

■ 181.5290, 7.6272,
-19.7579

■ 191.5710, 10.5645,

-28.5648

■ 201.0260, 13.7912,
-36.8568

Harmonies

Analogous

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



116.3300, -3.6137, 39.1756



115.4580, -14.5228, 38.1863



114.4430, -21.9104, 27.6755

Triad

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



115.4580, -14.5228, 38.1863



105.1240, -4.9911, -32.5577



112.5840, 24.3621, -20.6832

Complementary

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



115.4580, -14.5228, 38.1863



129.5420, 14.5228, -38.1863

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.



103.1950, 27.5119, -51.0370



115.4580, -14.5228, 38.1863



97.7970, 10.9461, -57.7040

Square

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



115.4580, -14.5228, 38.1863



109.4660, -16.9917, -10.0557



90.2640, 25.9988, -79.1615



117.0390, 17.7288, 6.9818

Rectangle

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



115.4580, -14.5228, 38.1863



112.7360, -23.0408, 16.8945



90.2640, 25.9988, -79.1615



109.6860, 26.2838, -30.4196

Sweetspot

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



115.4580, -14.5228, 38.1863



189.6060, -5.7218, 15.2545



114.7810, 15.8840, 38.7801



94.1430, -3.5215, 9.5216



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.



115.4580, -14.5228, 38.1863



138.8260, -22.5922, 59.7886



136.5900, -24.9409, 19.6536



74.5660, -1.7580, 3.8886



57.4320, -28.3140, 75.0431



6.2460, -3.0793, 7.6773

Inverse Universe

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



129.5420, 14.5228, -38.1863



160.5870, 22.8816, -59.2738



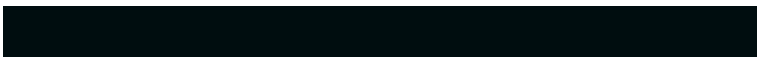
108.4100, 24.9409, -19.6536



76.0210, 1.4686, -4.4034



84.9810, 28.6034, -74.5283



9.3410, 2.7899, -8.1921

Previews

White Background



This preview shows how the YUV color 115.4580, -14.5228, 38.1863 looks on a white background.

Color Contrast Check

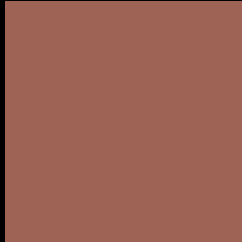
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 115.4580, -14.5228, 38.1863 looks on a black 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

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

YUV 115.4580, -14.5228, 38.1863

Background



This preview shows how black text looks on a background with the YUV color 115.4580, -14.5228, 38.1863.



This preview shows how white text looks on a background with the YUV color 115.4580, -14.5228,

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

115.4580, -14.5228, 38.1863

Protanopia

114.5850, -10.6414, 6.5030

Deuteranopia

114.8100, -15.1893, 18.5836



Tritanopia

116.0480, -5.9397, 38.5459

Trichromacy



Original Color

115.4580, -14.5228, 38.1863

Protanomaly

114.6080, -12.1317, 17.8838

Deuteranomaly

114.9680, -14.7742, 25.4611

Tritanomaly

115.8370, -9.2866, 38.7310

Monochromacy



Original Color

115.4580, -14.5228, 38.1863

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0080, -5.4269, 14.0250

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.4580, -14.5228, 38.1863 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(159, 99, 86)` looks like.

```
.text, #text, p{  
    color:rgb(159, 99, 86)  
}
```

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(159, 99, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 99, 86) }
```

Border

The CSS property to change the border of an element to YUV 115.4580, -14.5228, 38.1863 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(159, 99, 86) }
```


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

```
.border{ border-color:rgb(159, 99, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 99, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 99, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 99, 86);  
box-shadow:4px 4px 4px 4px rgb(159, 99,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 115.4580, -14.5228, 38.1863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 99, 86) }
```

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

```
.background{ background-color: rgb(159, 99,  
86) }
```

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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