

Converting Colors

YUV(114.8080, -52.6563,
-4.2166)

Have a look what the booklet for
YUV(114.8080, -52.6563, -4.2166)
contains.

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Color

**YUV(114.8080, -52.6563,
-4.2166)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8A08
RGB	110, 138, 8
RGB Percent	43%, 54%, 3%
CMY	0.5686, 0.4588, 0.9686
CMYK	0.20, 0.00, 0.94, 0.46
HSL	73°, 89%, 29%
HSV	73°, 94%, 54%
XYZ	15.5627, 21.5095, 3.5612
YIQ	114.8080, 25.0420, -46.3660

Conversions

Conversions Part 2

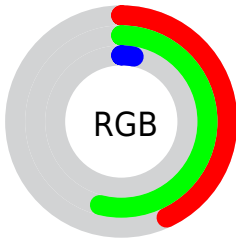
Format	Color
RYB	8, 138, 36
Decimal	7244296
CIELab	53.50, -26.04, 55.87
CIElCh	54, 61.643, 114.990
Yxy	21.5095, 0.3830, 0.5294
Android (android.graphics.Color)	4285434376 (0xFF6E8A08)
YUV	114.8080, -52.6563, -4.2166
Hunter-Lab	46.3783, -21.2646, 27.9121

Details

The YUV color **114.8080, -52.6563, -4.2166** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **31.1920, 52.6563, 4.2166**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5460, -48.5832, -3.9868**, and **68.9980, -34.0160, -9.6452** is the 20% darker color. If you saturate the color by 10%, you get **113.2980, -55.8559, -4.6463**, and if you desaturate by 10%, it is **117.3010, -46.9834, -3.7720**.

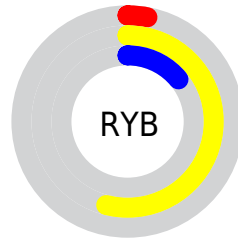
Distribution



Red (43%)

Green (54%)

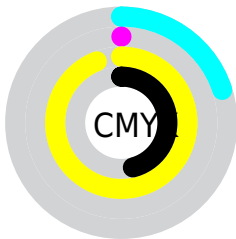
Blue (3%)



Red (3%)

Yellow (54%)

Blue (14%)

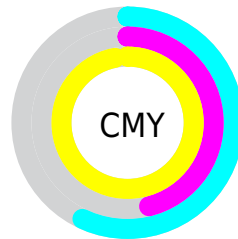


Cyan (20%)

Magenta (0%)

Yellow (94%)

Black (46%)



Cyan (57%)

Magenta (46%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.8080, -52.6563, -4.2166 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 114.8080, -52.6563, -4.2166 by changing the saturation by 10% instead.

■ 114.8080,
-52.6563, -4.2166

■ 114.8080,
-52.6563, -4.2166

■ 255.0000, 0.0000,
0.0000

■ 91.1480, -44.9360,
-7.1458

■ 169.5460,
-48.5832, -3.9868

■ 68.9980, -34.0160,
-9.6452

■ 197.4320,
-49.0200, -3.8869

■ 46.5380, -22.9432,
-14.5038

■ 226.2040,
-49.8936, -3.6869

■ 24.6540, -12.1544,
-21.6216

■ 242.3610,
-44.5480, 8.4534

■ 12.3270, -6.0772,
-10.8108

■ 246.4500,
-32.7599, 7.4983

■ 0.0000, 0.0000,
0.0000

■ 249.6420,

-20.5295, 4.6990

■ 252.9480, -7.8624,
1.7996

■ 114.8080,
-52.6563, -4.2166

■ 114.8080,
-52.6563, -4.2166

■ 113.2980,
-55.8559, -4.6463

■ 117.3010,
-46.9834, -3.7720

■ 119.7940,
-41.3104, -3.3273

■ 122.1730,
-36.0743, -2.7827

■ 124.6660,
-30.4013, -2.3381

■ 127.1590,
-24.7284, -1.8934

■ 129.6520,
-19.0554, -1.4488

■ 132.1450,
-13.3825, -1.0042

■ 134.5240, -8.1463,
-0.4595

■ 137.0170, -2.4734,
-0.0149

Harmonies

Analogous

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



119.7530, -59.0382, 36.1736



114.8080, -52.6563, -4.2166



100.6470, -18.5600, -67.2194

Triad

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



114.8080, -52.6563, -4.2166



111.2720, 50.6449, -97.5855



124.1670, 7.3127, 81.4145

Complementary

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



114.8080, -52.6563, -4.2166



31.1920, 52.6563, 4.2166

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.



130.9680, 29.1028, 45.6321



114.8080, -52.6563, -4.2166



107.0950, 62.5642, -93.9223

Square

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



114.8080, -52.6563, -4.2166



108.7180, 30.7050, -95.3457



127.5070, 48.0640, -16.2306



122.2560, -17.8742, 86.5985

Rectangle

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



114.8080, -52.6563, -4.2166



99.8090, -0.8918, -87.5325



127.5070, 48.0640, -16.2306



126.1750, 15.1967, 72.6375

Sweetspot

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



114.8080, -52.6563, -4.2166



170.0110, -20.2184, -1.7636



62.1320, -26.6871, 66.5362



83.7860, -12.2195, -0.6893



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



114.8080, -52.6563, -4.2166



146.9330, -72.4380, -6.0802



95.9710, -43.3697, -42.9476



67.6040, -2.7628, -0.5297



109.1670, -53.8193, -4.5315



4.1310, -2.0366, -0.1149

Inverse Universe

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



31.1920, 52.6563, 4.2166



31.7680, 72.5854, 5.4655



50.0290, 43.3697, 42.9476



63.0970, 2.9102, -0.0851



23.8330, 53.8193, 4.5315



0.8690, 2.0366, 0.1149

Previews

White Background



This preview shows how the YUV color 114.8080, -52.6563, -4.2166 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 114.8080, -52.6563, -4.2166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

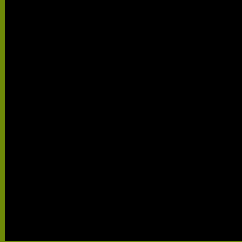
Any Text WCAG AA ✓ Pass

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 114.8080, -52.6563, -4.2166 Background



This preview shows how black text looks on a background with the YUV color 114.8080, -52.6563, -4.2166.



This preview shows how white text looks on a background with the YUV color 114.8080, -52.6563, -4.2166.

-4.2166.

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

114.8080, -52.6563, -4.2166

Protanopia

118.1920, -58.2687, 22.6336

Deuteranopia

122.1300, -47.3921, 34.0890



Tritanopia

127.3460, 5.2524, -4.6884

Trichromacy



Original Color

114.8080, -52.6563, -4.2166

Protanomaly

117.2940, -56.3469, 12.8972

Deuteranomaly

119.1730, -49.3853, 20.0193

Tritanomaly

123.1400, -15.8450, -4.5078

Monochromacy



Original Color

114.8080, -52.6563, -4.2166

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.6520, -19.0554, -1.4488

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.8080, -52.6563, -4.2166 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(110, 138, 8)` looks like.

```
.text, #text, p{  
    color:rgb(110, 138, 8)  
}
```

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(110, 138, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 138, 8) }
```

Border

The CSS property to change the border of an element to YUV 114.8080, -52.6563, -4.2166 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(110, 138, 8) }
```


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

```
.border{ border-color:rgb(110, 138, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 138, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 138, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 138, 8);  
box-shadow:4px 4px 4px 4px rgb(110, 138,  
8) }
```

Background

The CSS property to change the background color of an element to YUV 114.8080, -52.6563, -4.2166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 138, 8) }
```

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

```
.background{ background-color: rgb(110,  
138, 8) }
```

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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