

Converting Colors

YUV(104.6780, -5.2643,
-38.3056)

Have a look what the booklet for
YUV(104.6780, -5.2643, -38.3056)
contains.

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Color

**YUV(104.6780, -5.2643,
-38.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	3D815E
RGB	61, 129, 94
RGB Percent	24%, 51%, 37%
CMY	0.7608, 0.4941, 0.6314
CMYK	0.53, 0.00, 0.27, 0.49
HSL	149°, 36%, 37%
HSV	149°, 53%, 51%
XYZ	11.7951, 17.5008, 13.3460
YIQ	104.6780, -29.2930, -25.3010

Conversions

Conversions Part 2

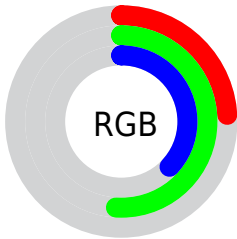
Format	Color
RYB	61, 107, 129
Decimal	4030814
CIELab	48.88, -30.28, 12.52
CIELCh	49, 32.767, 157.532
Yxy	17.5008, 0.2766, 0.4104
Android (android.graphics.Color)	4282220894 (0xFF3D815E)
YUV	104.6780, -5.2643, -38.3056
Hunter-Lab	41.8339, -22.8811, 10.3689

Details

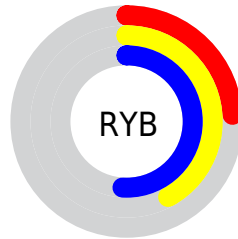
The YUV color **104.6780, -5.2643, -38.3056** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **85.3220, 5.2643, 38.3056**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.0370, -6.4272, -38.6204**, and **51.8450, -1.8956, -45.4681** is the 20% darker color. If you saturate the color by 10%, you get **99.9930, -6.4055, -45.5979**, and if you desaturate by 10%, it is **109.3630, -4.1230, -31.0134**.

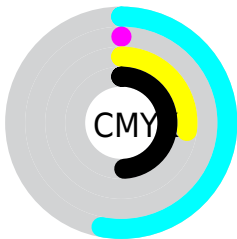
Distribution



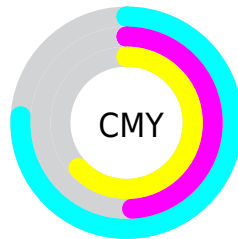
- Red (24%)
- Green (51%)
- Blue (37%)



- Red (24%)
- Yellow (42%)
- Blue (51%)



- Cyan (53%)
- Magenta (0%)
- Yellow (27%)
- Black (49%)



- Cyan (76%)
- Magenta (49%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.6780, -5.2643, -38.3056 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 104.6780, -5.2643, -38.3056 by changing the saturation by 10% instead.

■ 104.6780, -5.2643,
-38.3056

■ 104.6780, -5.2643,
-38.3056

255.0000, 0.0000,
0.0000

■ 79.1940, -4.5326,
-39.6351

■ 157.0370, -6.4272,
-38.6204

■ 51.8450, -1.8956,
-45.4681

■ 184.6240, -6.7166,
-39.1352

■ 35.3630, -4.1230,
-31.0134

■ 213.0970, -7.4428,
-39.5501

■ 20.6590, -9.6919,
-18.1179

■ 234.0530, -3.9701,
-33.3725

■ 0.0000, 0.0000,
0.0000

■ 245.7310, 4.5696,
-19.0581

254.4020, 0.2948,

-1.2296

■ 104.6780, -5.2643,
-38.3056

■ 104.6780, -5.2643,
-38.3056

■ 99.9930, -6.4055,
-45.5979

■ 109.3630, -4.1230,
-31.0134

■ 95.4220, -7.1100,
-52.9901

■ 113.9340, -3.4185,
-23.6211

■ 90.7370, -8.2513,
-60.2823

■ 118.6190, -2.2772,
-16.3289

■ 86.0520, -9.3926,
-67.5746

■ 123.3040, -1.1359,
-9.0366

■ 82.9050, -9.8132,
-72.7077

■ 127.8750, -0.4314,
-1.6444

■ 132.2610, 0.8573,
5.0331

■ 136.8320, 1.5618,
12.4253

■ 141.5170, 2.7031,
19.7176

■ 146.2020, 3.8444,
27.0098

Harmonies

Analogous

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



109.8850, -19.1703, -11.3001



104.6780, -5.2643, -38.3056



90.8050, 15.3791, -79.6360

Triad

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



104.6780, -5.2643, -38.3056



113.5880, 28.3041, -25.0717



116.7360, -16.1388, 43.2045

Complementary

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



104.6780, -5.2643, -38.3056



85.3220, 5.2643, 38.3056

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.



118.2490, -4.0668, 44.5086



104.6780, -5.2643, -38.3056



118.7340, 20.3441, 8.1263

Square

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



104.6780, -5.2643, -38.3056



97.7950, 34.1181, -69.9802



119.3150, 9.2117, 32.1727



115.3680, -24.8314, 31.2493

Rectangle

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



104.6780, -5.2643, -38.3056



92.3840, 23.9677, -81.0208



119.3150, 9.2117, 32.1727



117.3710, -12.5079, 45.2786

Sweetspot

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



104.6780, -5.2643, -38.3056



158.3310, -2.1352, -15.1993



111.3810, -24.8378, -13.4891



78.3040, -1.1359, -9.0366



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



104.6780, -5.2643, -38.3056



130.1500, -7.9620, -59.7676



108.5540, 9.5869, -41.7049



61.4510, -0.7153, -3.9035



82.2040, -9.9606, -72.0929



0.0000, 0.0000, 0.0000

Inverse Universe

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



85.3220, 5.2643, 38.3056



99.9640, 8.3987, 59.6676



81.4460, -9.5869, 41.7049



59.5490, 0.7153, 3.9035



45.7960, 9.9606, 72.0929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 104.6780, -5.2643, -38.3056 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 104.6780, -5.2643, -38.3056 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 104.6780, -5.2643, -38.3056

Background



This preview shows how black text looks on a background with the YUV color 104.6780, -5.2643, -38.3056.



This preview shows how white text looks on a background with the YUV color 104.6780, -5.2643, -38.3056.

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

104.6780, -5.2643, -38.3056

Protanopia

114.6130, -13.1202, 8.2324

Deuteranopia

116.0960, -8.9213, 14.8248



Tritanopia

109.5920, 12.0331, -32.9682

Trichromacy



Original Color

104.6780, -5.2643, -38.3056

Protanomaly

110.8990, -10.3032, -8.6814

Deuteranomaly

112.3170, -7.5513, -4.6630

Tritanomaly

107.8600, 5.4920, -34.9572

Monochromacy



Original Color

104.6780, -5.2643, -38.3056

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0430, -1.9932, -14.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6780, -5.2643, -38.3056 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(61, 129, 94)` looks like.

```
.text, #text, p{  
    color:rgb(61, 129, 94)  
}
```

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(61, 129, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 129, 94) }
```

Border

The CSS property to change the border of an element to YUV 104.6780, -5.2643, -38.3056 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(61, 129, 94) }
```


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

```
.border{ border-color:rgb(61, 129, 94) }
```

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

Here you see how a box with a 4 pixel rgb(61, 129, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 129, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 129, 94);  
box-shadow:4px 4px 4px 4px rgb(61, 129,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 104.6780, -5.2643, -38.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 129, 94) }
```

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

```
.background{ background-color: rgb(61, 129,  
94) }
```

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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