

Converting Colors

YUV(108.3040, -4.5869,
-22.1916)

Have a look what the booklet for
YUV(108.3040, -4.5869, -22.1916)
contains.

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Color

**YUV(108.3040, -4.5869,
-22.1916)**

Conversions

Conversions Part 1

Format	Color
Hex	537B63
RGB	83, 123, 99
RGB Percent	33%, 48%, 39%
CMY	0.6745, 0.5176, 0.6118
CMYK	0.33, 0.00, 0.20, 0.52
HSL	144°, 19%, 40%
HSV	144°, 33%, 48%
XYZ	12.9024, 16.9058, 14.3875
YIQ	108.3040, -16.1360, -15.9440

Conversions

Conversions Part 2

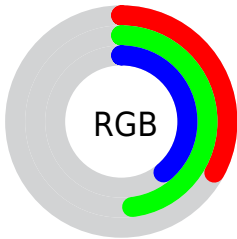
Format	Color
RYB	83, 112, 123
Decimal	5471075
CIELab	48.14, -19.50, 8.72
CIElCh	48, 21.362, 155.908
Yxy	16.9058, 0.2919, 0.3825
Android (android.graphics.Color)	4283661155 (0xFF537B63)
YUV	108.3040, -4.5869, -22.1916
Hunter-Lab	41.1166, -15.9409, 8.0349

Details

The YUV color **108.3040, -4.5869, -22.1916** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **97.6960, 4.5869, 22.1916**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.4780, -5.1657, -23.2212**, and **60.1300, -4.0081, -21.1620** is the 20% darker color. If you saturate the color by 10%, you get **103.9180, -5.8756, -28.8691**, and if you desaturate by 10%, it is **112.6900, -3.2982, -15.5141**.

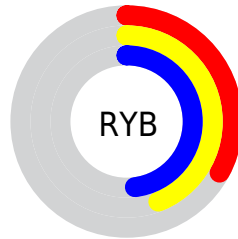
Distribution



Red (33%)

Green (48%)

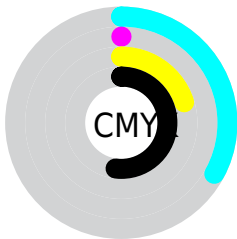
Blue (39%)



Red (33%)

Yellow (44%)

Blue (48%)

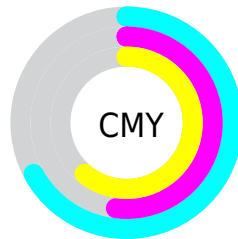


Cyan (33%)

Magenta (0%)

Yellow (20%)

Black (52%)



Cyan (67%)

Magenta (52%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.3040, -4.5869, -22.1916 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 108.3040, -4.5869, -22.1916 by changing the saturation by 10% instead.

■ 108.3040, -4.5869,
-22.1916

■ 108.3040, -4.5869,
-22.1916

■ 255.0000, 0.0000,
0.0000

■ 83.7170, -4.2975,
-21.6768

■ 160.4780, -5.1657,
-23.2212

■ 60.1300, -4.0081,
-21.1620

■ 187.0650, -5.4550,
-23.7360

■ 37.0590, -2.9871,
-21.9767

■ 215.0650, -5.4550,
-23.7360

■ 19.1090, -5.4767,
-16.7586

■ 240.7170, -4.2975,
-21.6768

■ 0.0000, 0.0000,
0.0000

■ 251.7110, 1.6215,
-6.7625

■ 108.3040, -4.5869,
-22.1916

■ 108.3040, -4.5869,
-22.1916

■ 103.9180, -5.8756,
-28.8691

■ 112.6900, -3.2982,
-15.5141

■ 99.1190, -7.4537,
-36.0614

■ 117.4890, -1.7201,
-8.3219

■ 94.7330, -8.7424,
-42.7388

■ 121.8750, -0.4314,
-1.6444

■ 90.2330, -10.4679,
-49.3163

■ 126.3750, 1.2941,
4.9331

■ 85.8470, -11.7566,
-55.9938

■ 131.0600, 2.4354,
12.2254

■ 81.1620, -12.8979,
-63.2861

■ 135.4460, 3.7241,
18.9029

■ 77.7870, -14.1920,
-68.2192

■ 139.9460, 5.4496,
25.4804

■ 144.3320, 6.7383,

32.1578

■ 149.0170, 7.8796,
39.4501

Harmonies

Analogous

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



111.2260, -12.9294, -6.3372



108.3040, -4.5869, -22.1916



105.5610, 5.6394, -35.5720

Triad

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



108.3040, -4.5869, -22.1916



113.3090, 18.0887, -15.1800



115.7280, -10.7119, 29.1795

Complementary

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



108.3040, -4.5869, -22.1916



97.6960, 4.5869, 22.1916

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.



116.7910, -2.8550, 29.1243



108.3040, -4.5869, -22.1916



116.1760, 13.2242, 5.1076

Square

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



108.3040, -4.5869, -22.1916



108.4270, 19.0165, -32.8235



117.0270, 5.9027, 20.1473



114.6040, -16.0738, 22.2723

Rectangle

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



108.3040, -4.5869, -22.1916



104.8360, 11.9129, -41.0752



117.0270, 5.9027, 20.1473



116.0100, -8.3859, 29.8092

Sweetspot

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



108.3040, -4.5869, -22.1916



155.0760, -2.0095, -8.8367



113.6560, -15.1134, -5.8373



78.3260, -1.1467, -5.5479



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



108.3040, -4.5869, -22.1916



137.8310, -7.3117, -34.9318



110.5840, 4.1491, -24.1912



58.8640, -0.4260, -3.3887



79.0750, -14.3340, -69.3488



159.4380, -28.8099, -139.8271

Inverse Universe

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



97.6960, 4.5869, 22.1916



121.1690, 7.3117, 34.9318



95.4160, -4.1491, 24.1912



57.2500, 0.8628, 3.2887



45.9250, 14.3340, 69.3488



92.5620, 28.8099, 139.8271

Previews

White Background



This preview shows how the YUV color 108.3040, -4.5869, -22.1916 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 108.3040, -4.5869, -22.1916 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 108.3040, -4.5869, -22.1916

Background



This preview shows how black text looks on a background with the YUV color 108.3040, -4.5869, -22.1916.



This preview shows how white text looks on a background with the YUV color 108.3040, -4.5869, -22.1916.

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

108.3040, -4.5869, -22.1916

Protanopia

113.5140, -9.6204, 5.6882

Deuteranopia

114.7690, -6.2951, 12.4806



Tritanopia

111.0560, 8.3534, -19.3431

Trichromacy



Original Color

108.3040, -4.5869, -22.1916

Protanomaly

111.6160, -7.6987, -4.0482

Deuteranomaly

112.5070, -5.6730, -0.4446

Tritanomaly

109.7910, 3.5540, -19.9877

Monochromacy



Original Color

108.3040, -4.5869, -22.1916

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.9020, -1.4307, -7.8071

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3040, -4.5869, -22.1916 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(83, 123, 99)` looks like.

```
.text, #text, p{  
    color:rgb(83, 123, 99)  
}
```

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(83, 123, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 123, 99) }
```

Border

The CSS property to change the border of an element to YUV 108.3040, -4.5869, -22.1916 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(83, 123, 99) }
```


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

```
.border{ border-color:rgb(83, 123, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 123, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 123, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 123, 99);  
box-shadow:4px 4px 4px 4px rgb(83, 123,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 108.3040, -4.5869, -22.1916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 123, 99) }
```

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

```
.background{ background-color: rgb(83, 123,  
99) }
```

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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