

Converting Colors

YUV(107.9560, -10.3313,
-46.4424)

Have a look what the booklet for
YUV(107.9560, -10.3313, -46.4424)
contains.

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Color

**YUV(107.9560, -10.3313,
-46.4424)**

Conversions

Conversions Part 1

Format	Color
Hex	378B57
RGB	55, 139, 87
RGB Percent	22%, 55%, 34%
CMY	0.7843, 0.4549, 0.6588
CMYK	0.60, 0.00, 0.37, 0.45
HSL	143°, 43%, 38%
HSV	143°, 60%, 55%
XYZ	12.5285, 19.9656, 12.2102
YIQ	107.9560, -33.3720, -33.9800

Conversions

Conversions Part 2

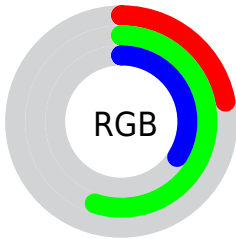
Format	Color
RYB	55, 116, 139
Decimal	3640151
CIELab	51.80, -37.77, 20.45
CIElCh	52, 42.951, 151.571
Yxy	19.9656, 0.2803, 0.4466
Android (android.graphics.Color)	4281830231 (0xFF378B57)
YUV	107.9560, -10.3313, -46.4424
Hunter-Lab	44.6829, -28.1460, 15.0761

Details

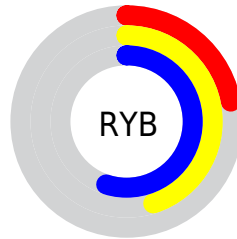
The YUV color **107.9560, -10.3313, -46.4424** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **86.0440, 10.3313, 46.4424**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7990, -12.2259, -45.4277**, and **56.3300, -7.5577, -49.4014** is the 20% darker color. If you saturate the color by 10%, you get **102.7440, -12.1988, -54.1495**, and if you desaturate by 10%, it is **113.1680, -8.4638, -38.7353**.

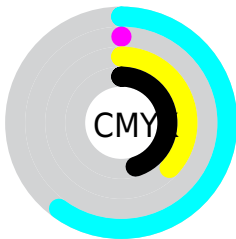
Distribution



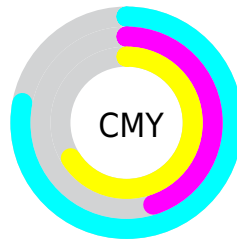
- Red (22%)
- Green (55%)
- Blue (34%)



- Red (22%)
- Yellow (45%)
- Blue (55%)



- Cyan (60%)
- Magenta (0%)
- Yellow (37%)
- Black (45%)



- Cyan (78%)
- Magenta (45%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.9560, -10.3313, -46.4424 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 107.9560, -10.3313, -46.4424 by changing the saturation by 10% instead.

■ 107.9560,
-10.3313, -46.4424

■ 107.9560,
-10.3313, -46.4424

■ 255.0000, 0.0000,
0.0000

■ 80.3900, -8.5733,
-50.3310

■ 161.7990,
-12.2259, -45.4277

■ 56.3300, -7.5577,
-49.4014

■ 189.3860,
-12.5153, -45.9425

■ 39.7340, -10.2219,
-34.8467

■ 217.8590,
-13.2415, -46.3573

■ 24.6540, -12.1544,
-21.6216

■ 232.3580, -6.5855,
-34.5170

■ 7.0440, -3.4727,
-6.1776

■ 244.2210, 1.3700,
-19.4878

■ 0.0000, 0.0000,
0.0000

■ 253.8040, 0.5896,

-2.4591

■ 107.9560,
-10.3313, -46.4424

■ 107.9560,
-10.3313, -46.4424

■ 102.7440,
-12.1988, -54.1495

■ 113.1680, -8.4638,
-38.7353

■ 97.6460, -13.6295,
-61.9565

■ 118.2660, -7.0331,
-30.9283

■ 92.4340, -15.4970,
-69.6636

■ 123.4780, -5.1657,
-23.2212

■ 87.6350, -17.0751,
-76.8559

■ 128.5760, -3.7350,
-15.4142

■ 133.7880, -1.8675,
-7.7071

■ 138.7010, 0.1474,
-0.6148

■ 143.7990, 1.5781,
7.1923

■ 149.0110, 3.4456,
14.8994

■ 154.1090, 4.8763,
22.7064

Harmonies

Analogous

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



116.0780, -28.6325, -9.7154



107.9560, -10.3313, -46.4424



97.4900, 13.0694, -85.4987

Triad

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



107.9560, -10.3313, -46.4424



113.4520, 41.1892, -51.2624



123.0800, -17.7874, 58.6888

Complementary

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



107.9560, -10.3313, -46.4424



86.0440, 10.3313, 46.4424

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.



124.8360, -0.9051, 57.1488



107.9560, -10.3313, -46.4424



125.8070, 29.6751, 1.9233

Square

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



107.9560, -10.3313, -46.4424



101.2640, 42.7608, -88.8085



127.0690, 15.7420, 37.6505



122.1370, -31.1265, 43.7299

Rectangle

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



107.9560, -10.3313, -46.4424



100.3400, 23.9894, -87.9982



127.0690, 15.7420, 37.6505



123.2850, -11.9725, 60.2631

Sweetspot

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



107.9560, -10.3313, -46.4424



168.8530, -3.8715, -18.2881



120.1550, -32.1214, -10.6599



84.5380, -2.7302, -10.9958



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



107.9560, -10.3313, -46.4424



132.1840, -16.3597, -72.9524



112.6300, 7.5774, -50.5415



66.4510, -0.7153, -3.9035



83.8850, -16.2123, -73.5671



3.1630, -0.5734, -2.7740

Inverse Universe

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



86.0440, 10.3313, 46.4424



97.8160, 16.3597, 72.9524



81.3700, -7.5774, 50.5415



64.5490, 0.7153, 3.9035



49.1150, 16.2123, 73.5671



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 107.9560, -10.3313, -46.4424 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 107.9560, -10.3313, -46.4424 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 107.9560, -10.3313, -46.4424 Background



This preview shows how black text looks on a background with the YUV color 107.9560, -10.3313, -46.4424.



This preview shows how white text looks on a background with the YUV color 107.9560, -10.3313, -46.4424.

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

107.9560, -10.3313, -46.4424

Protanopia

121.0880, -20.2564, 10.4468

Deuteranopia

123.1090, -15.3367, 19.1984



Tritanopia

115.3140, 13.6492, -37.9864

Trichromacy



Original Color

107.9560, -10.3313, -46.4424

Protanomaly

116.5800, -16.5549, -10.1557

Deuteranomaly

117.7100, -13.6610, -5.0077

Tritanomaly

113.0010, 4.9295, -41.2199

Monochromacy



Original Color

107.9560, -10.3313, -46.4424

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8640, -3.8770, -16.5437

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.9560, -10.3313, -46.4424 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(55, 139, 87)` looks like.

```
.text, #text, p{  
    color:rgb(55, 139, 87)  
}
```

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(55, 139, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 139, 87) }
```

Border

The CSS property to change the border of an element to YUV 107.9560, -10.3313, -46.4424 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(55, 139, 87) }
```


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

```
.border{ border-color:rgb(55, 139, 87) }
```

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

Here you see how a box with a 4 pixel rgb(55, 139, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 139, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 139, 87);  
box-shadow:4px 4px 4px 4px rgb(55, 139,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 107.9560, -10.3313, -46.4424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 139, 87) }
```

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

```
.background{ background-color: rgb(55, 139,  
87) }
```

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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