

Converting Colors

YUV(89.3560, -16.4445,
47.9228)

Have a look what the booklet for
YUV(89.3560, -16.4445, 47.9228)
contains.

| | |
|--|----|
| YUV(89.3560, -16.4445, 47.9228) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(89.3560, -16.4445,
47.9228)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 904438 |
| RGB | 144, 68, 56 |
| RGB Percent | 56%, 27%, 22% |
| CMY | 0.4353, 0.7333, 0.7804 |
| CMYK | 0.00, 0.53, 0.61, 0.44 |
| HSL | 8°, 44%, 39% |
| HSV | 8°, 61%, 56% |
| XYZ | 14.2825, 10.3491, 4.9862 |
| YIQ | 89.3560, 49.1480, 12.3800 |

Conversions

Conversions Part 2

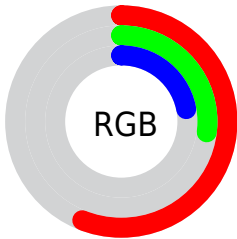
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 144, 70, 56 |
| Decimal | 9454648 |
| CIE _{Lab} | 38.46, 31.07, 22.35 |
| CIE _{LCh} | 38, 38.274, 35.721 |
| Yxy | 10.3491, 0.4822, 0.3494 |
| Android (android.graphics.Color) | 4287644728 (0xFF904438) |
| YUV | 89.3560, -16.4445, 47.9228 |
| Hunter-Lab | 32.1700, 22.9514, 13.3293 |

Details

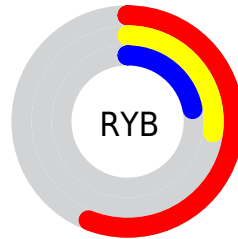
The YUV color **89.3560, -16.4445, 47.9228** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **110.6440, 16.4445, -47.9228**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4060, -18.9342, 53.1409**, and **39.8330, -13.2287, 43.1195** is the 20% darker color. If you saturate the color by 10%, you get **80.7160, -19.0870, 55.5001**, and if you desaturate by 10%, it is **97.9960, -13.8020, 40.3455**.

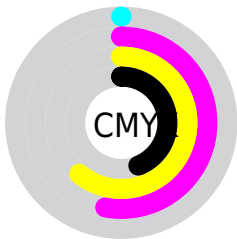
Distribution



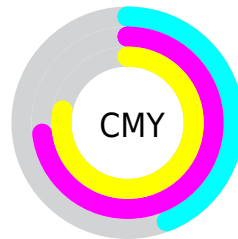
- Red (56%)
- Green (27%)
- Blue (22%)



- Red (56%)
- Yellow (27%)
- Blue (22%)



- Cyan (0%)
- Magenta (53%)
- Yellow (61%)
- Black (44%)





- Cyan (44%)
- Magenta (73%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.3560, -16.4445, 47.9228 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 89.3560, -16.4445, 47.9228 by changing the saturation by 10% instead.


 89.3560, -16.4445,
47.9228


 89.3560, -16.4445,
47.9228


255.0000, 0.0000,
0.0000


 64.3880, -14.9813,
45.2637


 141.4060,
-18.9342, 53.1409


 39.8330, -13.2287,
43.1195


 168.1890,
-19.8132, 55.0852


 18.5380, -9.1392,
38.1162

 194.1780,
-19.8078, 53.3409

 11.4760, -5.1647,
23.2615

 213.6920,
-16.1172, 36.2271

 0.0000, 0.0000,
0.0000

 233.3200,
-11.9898, 19.0134

 252.9480, -7.8624,

1.7996

■ 89.3560, -16.4445,
47.9228

■ 89.3560, -16.4445,
47.9228

■ 80.7160, -19.0870,
55.5001

■ 97.9960, -13.8020,
40.3455

■ 71.3750, -21.8769,
63.6921

■ 107.3370,
-11.0121, 32.1535

■ 62.7350, -24.5194,
71.2694

■ 115.9770, -8.3697,
24.5762

■ 54.7960, -27.0144,
78.2319

■ 125.3180, -5.5798,
16.3841

■ 133.9580, -2.9373,
8.8068

■ 143.1850, -0.5842,
0.7148

■ 151.9390, 2.4951,
-6.9625

■ 160.5790, 5.1376,
-14.5398

■ 169.9200, 7.9274,
-22.7318

Harmonies

Analogous

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



90.1510, -2.0464, 49.8566



89.3560, -16.4445, 47.9228



88.9940, -27.6050, 34.2083

Triad

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



89.3560, -16.4445, 47.9228



73.1280, -4.5001, -50.1013



82.6940, 34.1679, -39.1966

Complementary

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



89.3560, -16.4445, 47.9228



110.6440, 16.4445, -47.9228

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.



76.0450, 34.9808, -66.6915



89.3560, -16.4445, 47.9228



73.1660, 11.2572, -64.1666

Square

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



89.3560, -16.4445, 47.9228



82.9620, -22.6593, -12.2447



75.9990, 24.6505, -66.6511



92.9340, 23.6965, 6.1969

Rectangle

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



89.3560, -16.4445, 47.9228



87.1080, -30.6192, 20.9533



75.9990, 24.6505, -66.6511



73.0930, 38.9012, -64.1026

Sweetspot

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



89.3560, -16.4445, 47.9228



165.2150, -6.0220, 18.2284



90.9760, 20.2248, 46.5020



81.1540, -3.5269, 11.2659



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



89.3560, -16.4445, 47.9228



101.8170, -25.5458, 73.8285



115.1840, -29.1777, 25.2716



66.6800, -1.3212, 3.7886



50.9310, -25.1090, 73.7285



2.9790, -1.4686, 4.4034

Inverse Universe

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



110.6440, 16.4445, -47.9228



134.7700, 25.2564, -74.3433



84.8160, 29.1777, -25.2716



68.3200, 1.3212, -3.7886



84.0690, 25.1090, -73.7285



5.0210, 1.4686, -4.4034

Previews

White Background



This preview shows how the YUV color 89.3560, -16.4445, 47.9228 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 89.3560, -16.4445, 47.9228 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 89.3560, -16.4445, 47.9228

Background



This preview shows how black text looks on a background with the YUV color 89.3560, -16.4445, 47.9228.



This preview shows how white text looks on a background with the YUV color 89.3560, -16.4445,

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

89.3560, -16.4445, 47.9228

Protanopia

90.1290, -12.3886, 6.9029

Deuteranopia

90.1860, -18.8257, 18.2539



Tritanopia

90.0770, -9.8980, 48.1675

Trichromacy



Original Color

89.3560, -16.4445, 47.9228

Protanomaly

90.1740, -13.8898, 21.7724

Deuteranomaly

89.7790, -18.1320, 29.1348

Tritanomaly

90.0940, -12.3713, 48.1526

Monochromacy



Original Color

89.3560, -16.4445, 47.9228

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9160, -5.8746, 17.6137

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3560, -16.4445, 47.9228 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(144, 68, 56)` looks like.

```
.text, #text, p{  
    color:rgb(144, 68, 56)  
}
```

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(144, 68, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 68, 56) }
```

Border

The CSS property to change the border of an element to YUV 89.3560, -16.4445, 47.9228 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(144, 68, 56) }
```


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

```
.border{ border-color:rgb(144, 68, 56) }
```

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

Here you see how a box with a 4 pixel rgb(144, 68, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 68, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 68, 56);  
box-shadow:4px 4px 4px 4px rgb(144, 68,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 89.3560, -16.4445, 47.9228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 68, 56) }
```

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

```
.background{ background-color: rgb(144, 68,  
56) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor