

Converting Colors

YUV(89.0320, -4.9458, 46.4529)

Have a look what the booklet for
YUV(89.0320, -4.9458, 46.4529)
contains.

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Color

**YUV(89.0320, -4.9458,
46.4529)**

Conversions

Conversions Part 1

Format	Color
Hex	8E404F
RGB	142, 64, 79
RGB Percent	56%, 25%, 31%
CMY	0.4431, 0.7490, 0.6902
CMYK	0.00, 0.55, 0.44, 0.44
HSL	348°, 38%, 40%
HSV	348°, 55%, 56%
XYZ	14.4000, 9.9821, 8.5649
YIQ	89.0320, 41.6730, 21.2010

Conversions

Conversions Part 2

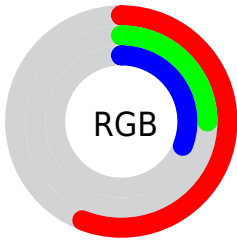
Format	Color
R_{YB}	142, 64, 79
Decimal	9322575
CIE Lab	37.81, 34.61, 7.08
CIE LCh	38, 35.326, 11.565
Yxy	9.9821, 0.4371, 0.3030
Android (android.graphics.Color)	4287512655 (0xFF8E404F)
YUV	89.0320, -4.9458, 46.4529
Hunter-Lab	31.5944, 26.0658, 6.0432

Details

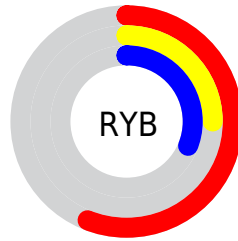
The YUV color **89.0320, -4.9458, 46.4529** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **116.9680, 4.9458, -46.4529**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7120, -6.2670, 50.2416**, and **37.9330, -1.4460, 43.9088** is the 20% darker color. If you saturate the color by 10%, you get **79.5600, -5.6991, 54.7599**, and if you desaturate by 10%, it is **98.5040, -4.1925, 38.1460**.

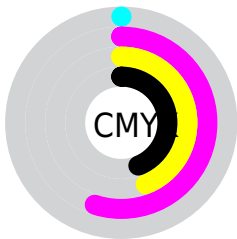
Distribution



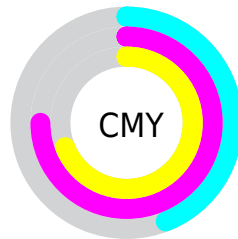
- Red (56%)
- Green (25%)
- Blue (31%)



- Red (56%)
- Yellow (25%)
- Blue (31%)



- Cyan (0%)
- Magenta (55%)
- Yellow (44%)
- Black (44%)



- Cyan (44%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.0320, -4.9458, 46.4529 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 89.0320, -4.9458, 46.4529 by changing the saturation by 10% instead.

■ 89.0320, -4.9458,
46.4529

■ 89.0320, -4.9458,
46.4529

255.0000, 0.0000,
0.0000

■ 63.6620, -3.7774,
45.0234

■ 140.7120, -6.2670,
50.2416

■ 37.9330, -1.4460,
43.9088

■ 168.4950, -7.1460,
52.1859

■ 20.0200, -3.4609,
36.8165

■ 195.4950, -7.1460,
52.1859

■ 11.7750, -5.3121,
23.8763

■ 214.4220, -3.1660,
35.5869

■ 0.0000, 0.0000,
0.0000

■ 234.6370, 0.6720,
17.8584

253.8260, 0.5788,

1.0296

■ 89.0320, -4.9458,
46.4529

■ 89.0320, -4.9458,
46.4529

■ 79.5600, -5.6991,
54.7599

■ 98.5040, -4.1925,
38.1460

■ 69.9740, -6.8892,
63.1668

■ 108.0900, -3.0024,
29.7391

■ 59.9150, -7.3531,
71.9885

■ 118.1490, -2.5385,
20.9173

■ 50.3290, -8.5432,
80.3955

■ 127.7350, -1.3484,
12.5104

■ 45.5360, -9.1382,
84.5989

■ 137.2070, -0.5951,
4.2035

■ 146.7930, 0.5951,
-4.2035

■ 156.2650, 1.3484,
-12.5104

■ 166.4380, 2.2491,
-21.4321

■ 175.9100, 3.0024,
-29.7391

Harmonies

Analogous

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



91.1090, 8.3273, 35.8614



89.0320, -4.9458, 46.4529



87.9810, -17.7386, 42.9897

Triad

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



89.0320, -4.9458, 46.4529



81.3790, -18.4278, -16.1184



73.2410, 34.3912, -64.2324

Complementary

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



89.0320, -4.9458, 46.4529



116.9680, 4.9458, -46.4529

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.



74.2380, 25.5187, -65.1067



89.0320, -4.9458, 46.4529



69.9470, 0.0261, -55.2045

Square

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



89.0320, -4.9458, 46.4529



85.2420, -27.2343, 8.5578



71.8610, 13.8725, -63.0221



85.5280, 29.3197, -24.1421

Rectangle

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



89.0320, -4.9458, 46.4529



87.3190, -23.8213, 33.9232



71.8610, 13.8725, -63.0221



73.9590, 32.0652, -64.8620

Sweetspot

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



89.0320, -4.9458, 46.4529



163.6540, -1.8014, 17.8434



91.4300, 24.9310, 30.3179



79.8380, -0.9061, 10.6661



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.



89.0320, -4.9458, 46.4529



101.2140, -7.5005, 72.6033



100.8230, -18.1537, 36.1122



66.3210, -0.1583, 4.1035



43.3290, -8.5432, 80.3955



2.5060, -0.7425, 4.8182

Inverse Universe

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



89.0320, -4.9458, 46.4529



101.2140, -7.5005, 72.6033



105.1770, 18.1537, -36.1122



66.3210, -0.1583, 4.1035



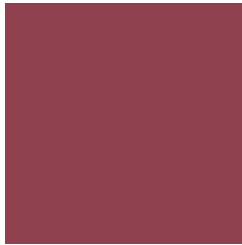
43.3290, -8.5432, 80.3955



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 89.0320, -4.9458, 46.4529 looks on a white background.

Color Contrast Check

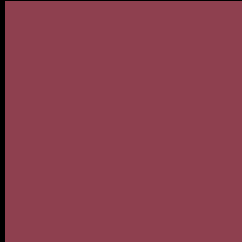
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 89.0320, -4.9458, 46.4529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

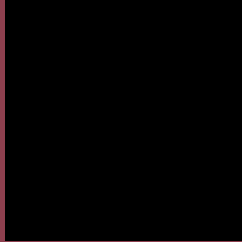
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 89.0320, -4.9458, 46.4529

Background



This preview shows how black text looks on a background with the YUV color 89.0320, -4.9458, 46.4529.



This preview shows how white text looks on a background with the YUV color 89.0320, -4.9458,

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

89.0320, -4.9458, 46.4529

Protanopia

89.7550, 1.5998, 0.2149

Deuteranopia

89.8290, -7.3107, 11.5510



Tritanopia

88.8810, -9.3083, 45.7084

Trichromacy



Original Color

89.0320, -4.9458, 46.4529

Protanomaly

89.5830, -0.7804, 17.0287

Deuteranomaly

89.4330, -6.6225, 24.1763

Tritanomaly

88.6360, -7.7085, 45.9232

Monochromacy



Original Color

89.0320, -4.9458, 46.4529

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9420, -1.9434, 16.7139

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0320, -4.9458, 46.4529 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(142, 64, 79)` looks like.

```
.text, #text, p{  
    color:rgb(142, 64, 79)  
}
```

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(142, 64, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 64, 79) }
```

Border

The CSS property to change the border of an element to YUV 89.0320, -4.9458, 46.4529 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(142, 64, 79) }
```


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

```
.border{ border-color:rgb(142, 64, 79) }
```

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

Here you see how a box with a 4 pixel rgb(142, 64, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 64, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 64, 79);  
box-shadow:4px 4px 4px 4px rgb(142, 64,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 89.0320, -4.9458, 46.4529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 64, 79) }
```

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

```
.background{ background-color: rgb(142, 64,  
79) }
```

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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