

Converting Colors

YUV(90.2160, -4.0505, 39.2756)

Have a look what the booklet for
YUV(90.2160, -4.0505, 39.2756)
contains.

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Color

**YUV(90.2160, -4.0505,
39.2756)**

Conversions

Conversions Part 1

Format	Color
Hex	874552
RGB	135, 69, 82
RGB Percent	53%, 27%, 32%
CMY	0.4706, 0.7294, 0.6784
CMYK	0.00, 0.49, 0.39, 0.47
HSL	348°, 32%, 40%
HSV	348°, 49%, 53%
XYZ	13.6428, 10.0163, 9.1969
YIQ	90.2160, 35.1630, 18.0350

Conversions

Conversions Part 2

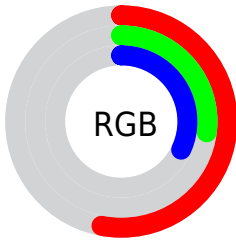
Format	Color
RYB	135, 69, 82
Decimal	8865106
CIELab	37.87, 29.59, 5.13
CIELCh	38, 30.029, 9.837
Yxy	10.0163, 0.4152, 0.3049
Android (android.graphics.Color)	4287055186 (0xFF874552)
YUV	90.2160, -4.0505, 39.2756
Hunter-Lab	31.6486, 21.5611, 4.9246




Details

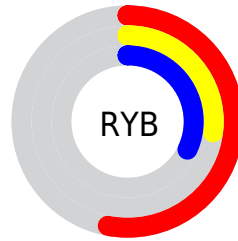
The YUV color **90.2160, -4.0505, 39.2756** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **113.7840, 4.0505, -39.2756**, and the grayscale version is **90.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **141.5970, -5.2243, 42.4494**, and **41.1770, -1.5663, 35.8018** is the 20% darker color. If you saturate the color by 10%, you get **81.3310, -5.0932, 47.0677**, and if you desaturate by 10%, it is **99.1010, -3.0078, 31.4834**.

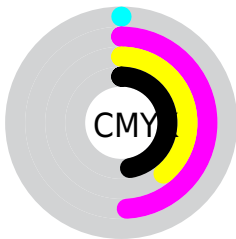
Distribution







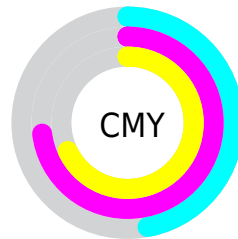
-  Red (53%)
-  Green (27%)
-  Blue (32%)






-  Red (53%)
-  Yellow (27%)
-  Blue (32%)



-  Cyan (0%)
-  Magenta (49%)
-  Yellow (39%)
-  Black (47%)



-  Cyan (47%)
-  Magenta (73%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.2160, -4.0505, 39.2756 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 90.2160, -4.0505, 39.2756 by changing the saturation by 10% instead.

90.2160, -4.0505,
39.2756

90.2160, -4.0505,
39.2756

255.0000, 0.0000,
0.0000

65.4330, -3.1715,
37.3313

141.5970, -5.2243,
42.4494

41.1770, -1.5663,
35.8018

168.4940, -5.6665,
44.2938

18.9810, -0.9766,
33.3427

196.0920, -5.9614,
45.5233

10.2800, -4.5750,
20.8024

217.8130, -2.8658,
32.6130

0.0000, 0.0000,
0.0000

237.4410, 1.2616,
15.3992

■ 90.2160, -4.0505,
39.2756

■ 90.2160, -4.0505,
39.2756

■ 81.3310, -5.0932,
47.0677

■ 99.1010, -3.0078,
31.4834

■ 71.8590, -5.8465,
55.3747

■ 108.5730, -2.2545,
23.1765

■ 62.9740, -6.8892,
63.1668

■ 118.0450, -1.5012,
14.8695

■ 53.6160, -7.2057,
71.3738

■ 126.8160, -0.8953,
7.1774

■ 44.7310, -8.2484,
79.1659

■ 136.2880, -0.1420,
-1.1296

■ 43.4430, -8.1064,
80.2955

■ 145.1730, 0.9007,
-8.9217

■ 154.0580, 1.9434,
-16.7139

■ 163.5300, 2.6967,

-25.0208

■ 172.4150, 3.7394,
-32.8130

Harmonies

Analogous

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



91.7230, 7.0386, 29.1839



90.2160, -4.0505, 39.2756



89.3330, -14.9542, 36.5420

Triad

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



90.2160, -4.0505, 39.2756



83.6830, -16.1127, -12.0000



71.6280, 30.7494, -62.8178

Complementary

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



90.2160, -4.0505, 39.2756



113.7840, 4.0505, -39.2756

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.



72.3800, 23.4767, -63.4773



90.2160, -4.0505, 39.2756



77.3730, -2.6489, -37.1611

Square

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



90.2160, -4.0505, 39.2756



86.0940, -22.7243, 8.6876



70.9320, 12.8515, -62.2074



86.9970, 24.6515, -20.1684

Rectangle

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



90.2160, -4.0505, 39.2756



88.6220, -20.0266, 30.1495



70.9320, 12.8515, -62.2074



72.4600, 28.8602, -63.5474

Sweetspot

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



90.2160, -4.0505, 39.2756



158.3440, -1.6486, 15.4843



92.3710, 21.0161, 25.9846



78.1260, -1.0481, 9.5365



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



90.2160, -4.0505, 39.2756



105.4900, -6.1576, 61.8373



100.4740, -15.5167, 30.2793



61.9080, -0.4476, 3.5887



41.8340, -7.8062, 77.3216



1.0110, -0.0054, 1.7444

Inverse Universe

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



90.2160, -4.0505, 39.2756



105.4900, -6.1576, 61.8373



103.5260, 15.5167, -30.2793



61.9080, -0.4476, 3.5887



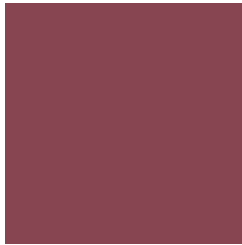
41.8340, -7.8062, 77.3216



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 90.2160, -4.0505, 39.2756 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 90.2160, -4.0505, 39.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

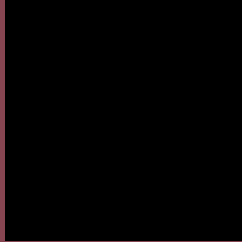
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.2160, -4.0505, 39.2756

Background



This preview shows how black text looks on a background with the YUV color 90.2160, -4.0505, 39.2756.



This preview shows how white text looks on a background with the YUV color 90.2160, -4.0505,

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

90.2160, -4.0505, 39.2756

Protanopia

89.7550, 1.5998, 0.2149

Deuteranopia

89.9860, -5.4161, 10.5363



Tritanopia

89.7060, -7.2501, 38.8458

Trichromacy



Original Color

90.2160, -4.0505, 39.2756

Protanomaly

89.9740, -0.4802, 14.0548

Deuteranomaly

90.1660, -5.0118, 20.9024

Tritanomaly

90.0480, -5.9397, 38.5459

Monochromacy



Original Color

90.2160, -4.0505, 39.2756

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7460, -1.3538, 14.2548

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.2160, -4.0505, 39.2756 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(135, 69, 82)` looks like.

```
.text, #text, p{  
    color:rgb(135, 69, 82)  
}
```

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(135, 69, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 69, 82) }
```

Border

The CSS property to change the border of an element to YUV 90.2160, -4.0505, 39.2756 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(135, 69, 82) }
```


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

```
.border{ border-color:rgb(135, 69, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 69, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 69, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 69, 82);  
box-shadow:4px 4px 4px 4px rgb(135, 69,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 90.2160, -4.0505, 39.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 69, 82) }
```

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

```
.background{ background-color: rgb(135, 69,  
82) }
```

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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