

Converting Colors

YUV(89.7010, -16.6146, 9.0322)

Have a look what the booklet for
YUV(89.7010, -16.6146, 9.0322)
contains.

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Color

**YUV(89.7010, -16.6146,
9.0322)**

Conversions

Conversions Part 1

Format	Color
Hex	645B38
RGB	100, 91, 56
RGB Percent	39%, 36%, 22%
CMY	0.6078, 0.6431, 0.7804
CMYK	0.00, 0.09, 0.44, 0.61
HSL	48°, 28%, 31%
HSV	48°, 44%, 39%
XYZ	9.7104, 10.4770, 5.2519
YIQ	89.7010, 16.5990, -8.9770

Conversions

Conversions Part 2

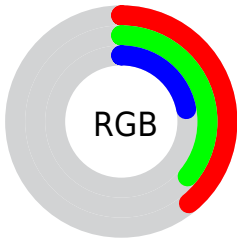
Format	Color
RYB	67, 100, 56
Decimal	6576952
CIELab	38.69, -1.97, 21.48
CIELCh	39, 21.572, 95.241
Yxy	10.4770, 0.3817, 0.4118
Android (android.graphics.Color)	4284767032 (0xFF645B38)
YUV	89.7010, -16.6146, 9.0322
Hunter-Lab	32.3682, -3.0946, 13.0378

Details

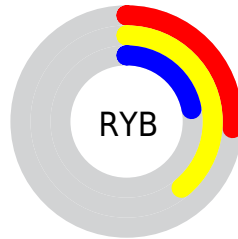
The YUV color **89.7010, -16.6146, 9.0322** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **66.2990, 16.6146, -9.0322**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0710, -17.7830, 10.4617**, and **43.9180, -15.7356, 7.0879** is the 20% darker color. If you saturate the color by 10%, you get **87.3870, -20.4038, 11.0616**, and if you desaturate by 10%, it is **92.0150, -12.8254, 7.0028**.

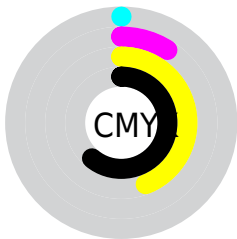
Distribution



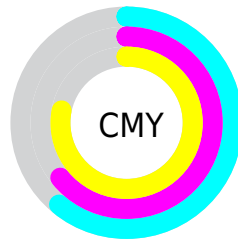
- Red (39%)
- Green (36%)
- Blue (22%)



- Red (26%)
- Yellow (39%)
- Blue (22%)



- Cyan (0%)
- Magenta (9%)
- Yellow (44%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7010, -16.6146, 9.0322 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 89.7010, -16.6146, 9.0322 by changing the saturation by 10% instead.

■ 89.7010, -16.6146,
9.0322

■ 89.7010, -16.6146,
9.0322

■ 255.0000, 0.0000,
0.0000

■ 66.2170, -15.8830,
7.7027

■ 140.0710,
-17.7830, 10.4617

■ 43.9180, -15.7356,
7.0879

■ 166.2560,
-18.3672, 11.1765

■ 23.6450, -11.6570,
5.5733

■ 194.0280,
-19.2408, 11.3764

■ 0.0000, 0.0000,
0.0000

■ 221.3270,
-19.3882, 11.9912

■ 247.5220,
-18.4983, 6.5582

■ 253.0620, -7.4256,

1.6996

■ 89.7010, -16.6146,
9.0322

■ 89.7010, -16.6146,
9.0322

■ 87.3870, -20.4038,
11.0616

■ 92.0150, -12.8254,
7.0028

■ 85.0730, -24.1930,
13.0910

■ 94.3290, -9.0362,
4.9735

■ 82.7590, -27.9822,
15.1204

■ 96.6430, -5.2470,
2.9441

■ 80.4450, -31.7714,
17.1497

■ 98.9570, -1.4578,
0.9147

■ 78.1310, -35.5606,
19.1791

■ 101.2710, 2.3314,
-1.1147

■ 76.8600, -37.8920,
20.2938

■ 103.5850, 6.1206,
-3.1440

■ 105.8990, 9.9098,
-5.1734

■ 108.2130, 13.6990,
-7.2028

■ 110.5270, 17.4882,
-9.2322

Harmonies

Analogous

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



91.1200, -15.3422, 20.9428



89.7010, -16.6146, 9.0322



87.6390, -12.6400, -5.8224

Triad

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



89.7010, -16.6146, 9.0322



80.0250, 15.2707, -44.7489



93.7280, 6.0501, 19.5325

Complementary

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



89.7010, -16.6146, 9.0322



66.2990, 16.6146, -9.0322

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.



92.5780, 13.5190, 3.8781



89.7010, -16.6146, 9.0322



84.3020, 18.5851, -34.4679

Square

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



89.7010, -16.6146, 9.0322



81.6640, 6.0816, -37.4163



89.8960, 17.7993, -15.6948



93.3070, -2.1234, 27.7948

Rectangle

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



89.7010, -16.6146, 9.0322



85.6530, -7.2239, -16.3587



89.8960, 17.7993, -15.6948



93.9770, 8.3923, 14.9292

Sweetspot

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



89.7010, -16.6146, 9.0322



126.3010, -6.5574, 3.2440



70.2960, -2.1179, 26.0504



63.6860, -3.7892, 2.0294



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



89.7010, -16.6146, 9.0322



113.9160, -26.0876, 14.1057



91.3960, -17.4502, -2.9783



49.8430, -1.8946, 1.0147



87.8020, -43.2864, 23.8526



185.6490, -91.5250, 49.4198

Inverse Universe

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



66.2990, 16.6146, -9.0322



77.0840, 26.0876, -14.1057



64.6040, 17.4502, 2.9783



47.1570, 1.8946, -1.0147



26.6110, 43.5758, -23.3378



56.9380, 91.2356, -49.9346

Previews

White Background



This preview shows how the YUV color 89.7010, -16.6146, 9.0322 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 89.7010, -16.6146, 9.0322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

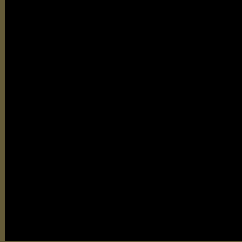
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7010, -16.6146, 9.0322

Background



This preview shows how black text looks on a background with the YUV color 89.7010, -16.6146, 9.0322.

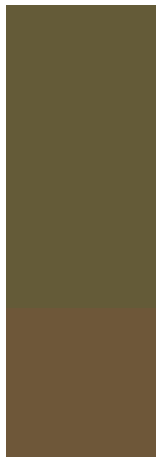


This preview shows how white text looks on a background with the YUV color 89.7010, -16.6146,

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

89.7010, -16.6146, 9.0322

Protanopia

89.7010, -16.6146, 9.0322

Deuteranopia

90.4570, -16.4943, 17.1392



Tritanopia

92.7670, 0.1149, 9.8513

Trichromacy



Original Color

89.7010, -16.6146, 9.0322

Protanomaly

89.7010, -16.6146, 9.0322

Deuteranomaly

89.8480, -16.1941, 14.1653

Tritanomaly

91.5730, -5.7055, 10.0215

Monochromacy



Original Color

89.7010, -16.6146, 9.0322

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8280, -5.8312, 3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7010, -16.6146, 9.0322 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(100, 91, 56)` looks like.

```
.text, #text, p{  
    color:rgb(100, 91, 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(100, 91, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 91, 56) }
```

Border

The CSS property to change the border of an element to YUV 89.7010, -16.6146, 9.0322 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(100, 91, 56) }
```


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

```
.border{ border-color:rgb(100, 91, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 91, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 91, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 91, 56);  
box-shadow:4px 4px 4px 4px rgb(100, 91,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 89.7010, -16.6146, 9.0322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 91, 56) }
```

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

```
.background{ background-color: rgb(100, 91,  
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](#).

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