

Converting Colors

YUV(88.6980, -5.2741, 11.6659)

Have a look what the booklet for
YUV(88.6980, -5.2741, 11.6659)
contains.

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Color

**YUV(88.6980, -5.2741,
11.6659)**

Conversions

Conversions Part 1

Format	Color
Hex	66544E
RGB	102, 84, 78
RGB Percent	40%, 33%, 31%
CMY	0.6000, 0.6706, 0.6941
CMYK	0.00, 0.18, 0.24, 0.60
HSL	15°, 13%, 35%
HSV	15°, 24%, 40%
XYZ	10.0250, 9.7155, 8.5546
YIQ	88.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

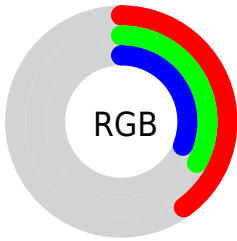
Format	Color
R _Y B	102, 86, 78
Decimal	6706254
CIE Lab	37.33, 6.38, 6.28
CIE LCh	37, 8.956, 44.554
Yxy	9.7155, 0.3543, 0.3434
Android (android.graphics.Color)	4284896334 (0xFF66544E)
YUV	88.6980, -5.2741, 11.6659
Hunter-Lab	31.1697, 2.8632, 5.5464

Details

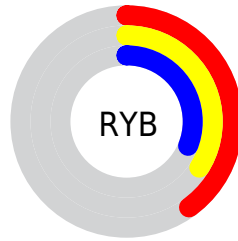
The YUV color **88.6980, -5.2741, 11.6659** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **91.3020, 5.2741, -11.6659**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.8830, -5.8583, 12.3806**, and **43.2140, -4.5425, 10.3363** is the 20% darker color. If you saturate the color by 10%, you get **82.8620, -7.3270, 16.7840**, and if you desaturate by 10%, it is **94.5340, -3.2213, 6.5477**.

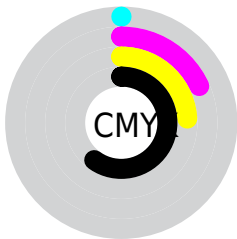
Distribution



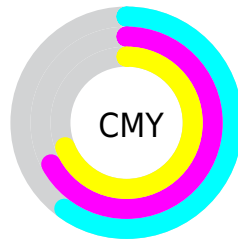
- Red (40%)
- Green (33%)
- Blue (31%)



- Red (40%)
- Yellow (34%)
- Blue (31%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (60%)



- Cyan (60%)
- Magenta (67%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6980, -5.2741, 11.6659 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 88.6980, -5.2741, 11.6659 by changing the saturation by 10% instead.

■ 88.6980, -5.2741,
11.6659

■ 88.6980, -5.2741,
11.6659

■ 255.0000, 0.0000,
0.0000

■ 65.3990, -5.1267,
11.0511

■ 138.8830, -5.8583,
12.3806

■ 43.2140, -4.5425,
10.3363

■ 165.1820, -6.0057,
12.9954

■ 22.3880, -5.1213,
9.3067

■ 192.4810, -6.1531,
13.6102

■ 0.0000, 0.0000,
0.0000

■ 219.7800, -6.3005,
14.2249

■ 245.6760, -5.2633,
8.1771

■ 88.6980, -5.2741,
11.6659

■ 88.6980, -5.2741,
11.6659

■ 82.8620, -7.3270,
16.7840

■ 94.5340, -3.2213,
6.5477

■ 77.6130, -9.6692,
21.3874

■ 99.7830, -0.8790,
1.9443

■ 71.6630, -12.1589,
26.6055

■ 105.7330, 1.6106,
-3.2738

■ 65.8270, -14.2117,
31.7237

■ 111.5690, 3.6635,
-8.3920

■ 60.5780, -16.5540,
36.3271

■ 116.8180, 6.0057,
-12.9954

■ 54.7420, -18.6068,
41.4453

■ 122.6540, 8.0586,
-18.1136

■ 48.9060, -20.6597,
46.5634

■ 128.4900, 10.1114,
-23.2317

■ 45.1730, -22.2703,

■ 133.8530, 12.8905,

49.8373

-27.9351

■ 139.6890, 14.9433,
-33.0533

Harmonies

Analogous

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



89.0940, -2.5113, 12.1956



88.6980, -5.2741, 11.6659



87.9210, -6.8631, 7.9623

Triad

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



88.6980, -5.2741, 11.6659



85.7060, -0.8411, -10.2662



87.8130, 6.9942, -3.3440

Complementary

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



88.6980, -5.2741, 11.6659



91.3020, 5.2741, -11.6659

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.



87.1820, 7.3053, -9.8066



88.6980, -5.2741, 11.6659



85.3080, 2.8062, -13.4251

Square

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



88.6980, -5.2741, 11.6659



86.7130, -4.7885, -4.1333



85.5190, 6.1531, -13.6102



88.8740, 4.4991, 3.6185

Rectangle

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



88.6980, -5.2741, 11.6659



87.8990, -6.8522, 4.4736



85.5190, 6.1531, -13.6102



87.5030, 7.1470, -5.7031

Sweetspot

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



88.6980, -5.2741, 11.6659



127.7510, -2.3422, 4.6034



87.2280, 4.3246, 12.9550



63.0820, -1.0264, 2.5591



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.



88.6980, -5.2741, 11.6659



112.2320, -8.4954, 18.2135



95.7420, -8.7468, 5.4883



48.0820, -1.0264, 2.5591



51.4080, -25.3441, 55.7702



108.1650, -53.3253, 117.3733

Inverse Universe

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



91.3020, 5.2741, -11.6659



115.7680, 8.4954, -18.2135



84.2580, 8.7468, -5.4883



48.9180, 1.0264, -2.5591



63.5920, 25.3441, -55.7702



134.4220, 53.0360, -117.8881

Previews

White Background



This preview shows how the YUV color 88.6980, -5.2741, 11.6659 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 88.6980, -5.2741, 11.6659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

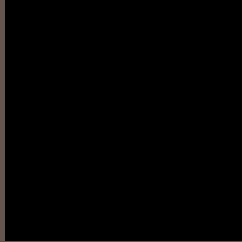
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.6980, -5.2741, 11.6659

Background



This preview shows how black text looks on a background with the YUV color 88.6980, -5.2741, 11.6659.

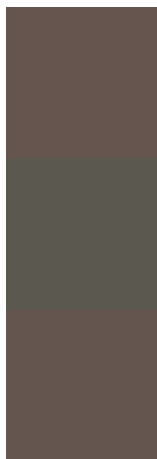


This preview shows how white text looks on a background with the YUV color 88.6980, -5.2741,

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

88.6980, -5.2741, 11.6659

Protanopia

87.9850, -3.9366, 2.6442

Deuteranopia

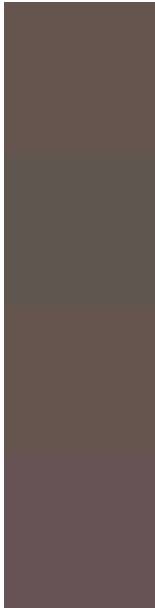
88.6870, -5.2687, 9.9215



Tritanopia

89.0770, -0.0380, 12.2105

Trichromacy



Original Color

88.6980, -5.2741, 11.6659

Protanomaly

88.4800, -4.6736, 5.7180

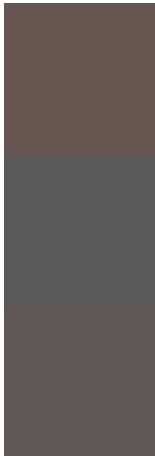
Deuteranomaly

88.9860, -5.4161, 10.5363

Tritanomaly

89.2080, -2.0745, 12.0956

Monochromacy



Original Color

88.6980, -5.2741, 11.6659

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8650, -1.9054, 4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6980, -5.2741, 11.6659 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(102, 84, 78)` looks like.

```
.text, #text, p{  
    color:rgb(102, 84, 78)  
}
```

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(102, 84, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 84, 78) }
```

Border

The CSS property to change the border of an element to YUV 88.6980, -5.2741, 11.6659 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(102, 84, 78) }
```


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

```
.border{ border-color:rgb(102, 84, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 84, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 84, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 84, 78);  
box-shadow:4px 4px 4px 4px rgb(102, 84,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 88.6980, -5.2741, 11.6659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 84, 78) }
```

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

```
.background{ background-color: rgb(102, 84,  
78) }
```

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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