

Converting Colors

YUV(89.0100, -11.8369,
16.6542)

Have a look what the booklet for
YUV(89.0100, -11.8369, 16.6542)
contains.

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Color

**YUV(89.0100, -11.8369,
16.6542)**

Conversions

Conversions Part 1

Format	Color
Hex	6C5441
RGB	108, 84, 65
RGB Percent	42%, 33%, 25%
CMY	0.5765, 0.6706, 0.7451
CMYK	0.00, 0.22, 0.40, 0.58
HSL	27°, 25%, 34%
HSV	27°, 40%, 42%
XYZ	10.3088, 9.9104, 6.3706
YIQ	89.0100, 20.4030, -0.8210

Conversions

Conversions Part 2

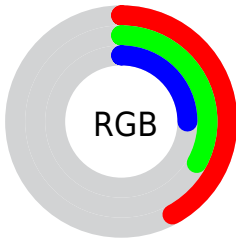
Format	Color
R_{YB}	108, 99, 65
Decimal	7099457
CIE Lab	37.68, 7.06, 14.91
CIE LCh	38, 16.499, 64.653
Yxy	9.9104, 0.3877, 0.3727
Android (android.graphics.Color)	4285289537 (0xFF6C5441)
YUV	89.0100, -11.8369, 16.6542
Hunter-Lab	31.4809, 3.3605, 10.0384

Details

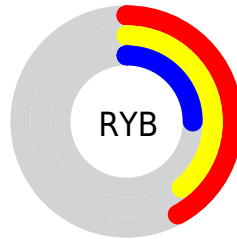
The YUV color $89.0100, -11.8369, 16.6542$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $83.9900, 11.8369, -16.6542$, and the grayscale version is $89.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $139.3800, -13.0053, 18.0837$, and $43.0420, -10.3737, 13.9952$ is the 20% darker color. If you saturate the color by 10%, you get $84.2340, -14.9054, 20.8428$, and if you desaturate by 10%, it is $93.7860, -8.7685, 12.4657$.

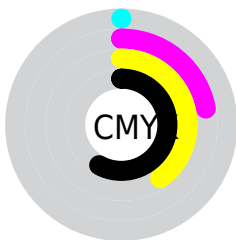
Distribution



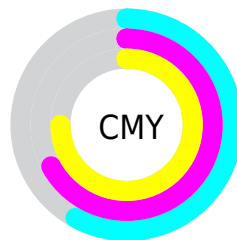
- Red (42%)
- Green (33%)
- Blue (25%)



- Red (42%)
- Yellow (39%)
- Blue (25%)



- Cyan (0%)
- Magenta (22%)
- Yellow (40%)
- Black (58%)



- Cyan (58%)
- Magenta (67%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.0100, -11.8369, 16.6542 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 89.0100, -11.8369, 16.6542 by changing the saturation by 10% instead.

■ 89.0100, -11.8369,
16.6542

■ 89.0100, -11.8369,
16.6542

■ 255.0000, 0.0000,
0.0000

■ 65.5260, -11.1053,
15.3247

■ 139.3800,
-13.0053, 18.0837

■ 43.0420, -10.3737,
13.9952

■ 165.8640,
-13.7370, 19.4133

■ 22.5150, -11.0999,
13.5803

■ 193.1630,
-13.8844, 20.0280

■ 0.0000, 0.0000,
0.0000

■ 220.7610,
-14.1792, 21.2576

■ 243.9660,
-11.8152, 9.6768

■ 254.2020, -3.0576,

0.6998

■ 89.0100, -11.8369,
16.6542

■ 89.0100, -11.8369,
16.6542

■ 84.2340, -14.9054,
20.8428

■ 93.7860, -8.7685,
12.4657

■ 79.4580, -17.9738,
25.0313

■ 98.5620, -5.7001,
8.2771

■ 74.7960, -20.6054,
29.1199

■ 103.2240, -3.0684,
4.1886

■ 70.0200, -23.6739,
33.3085

■ 108.0000, 0.0000,
0.0000

■ 65.2440, -26.7423,
37.4970

■ 112.7760, 3.0684,
-4.1886

■ 60.4680, -29.8107,
41.6856

■ 117.5520, 6.1369,
-8.3771

■ 122.3280, 9.2053,
-12.5657

■ 126.9900, 11.8369,
-16.6542

■ 131.7660, 14.9054,
-20.8428

Harmonies

Analogous

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



89.7810, -7.7800, 22.1171



89.0100, -11.8369, 16.6542



87.4280, -12.5360, 7.5176

Triad

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



89.0100, -11.8369, 16.6542



82.4590, 3.7177, -25.8355



90.3560, 10.1775, 2.3188

Complementary

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



89.0100, -11.8369, 16.6542



83.9900, 11.8369, -16.6542

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.



87.7780, 13.4204, -11.2063



89.0100, -11.8369, 16.6542



82.7450, 9.9857, -29.5944

Square

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



89.0100, -11.8369, 16.6542



84.2770, -3.5876, -16.0289



84.4020, 13.6058, -24.0316



91.2390, 4.3192, 14.6994

Rectangle

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



89.0100, -11.8369, 16.6542



86.7260, -11.2039, 0.2403



84.4020, 13.6058, -24.0316



89.6760, 11.4987, -1.4699

Sweetspot

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



89.0100, -11.8369, 16.6542



132.7790, -4.8210, 6.3328



80.5930, 4.1447, 24.0359



66.9250, -2.9210, 3.5738



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



89.0100, -11.8369, 16.6542



110.6430, -18.5580, 25.7461



101.3370, -17.9141, 5.8435



51.5550, -1.7526, 2.1443



65.5070, -32.2950, 45.1594



136.6510, -67.3689, 95.0221

Inverse Universe

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



83.9900, 11.8369, -16.6542



102.9440, 18.2686, -26.2609



71.6630, 17.9141, -5.8435



50.4450, 1.7526, -2.1443



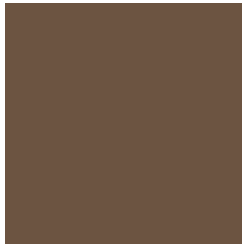
51.4930, 32.2950, -45.1594



108.3490, 67.3689, -95.0221

Previews

White Background



This preview shows how the YUV color 89.0100, -11.8369, 16.6542 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 89.0100, -11.8369, 16.6542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

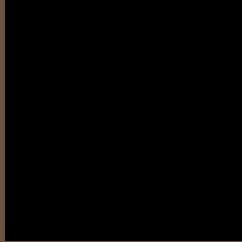
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.0100, -11.8369, 16.6542

Background



This preview shows how black text looks on a background with the YUV color 89.0100, -11.8369, 16.6542.



This preview shows how white text looks on a background with the YUV color 89.0100, -11.8369,

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

89.0100, -11.8369, 16.6542

Protanopia

88.2860, -10.4940, 5.8882

Deuteranopia

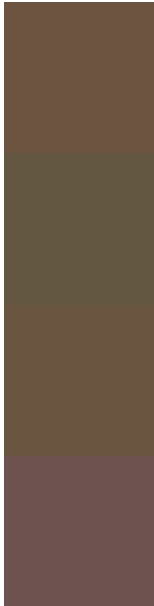
88.7000, -11.6841, 14.2951



Tritanopia

90.3550, -1.6540, 17.2287

Trichromacy



Original Color

89.0100, -11.8369, 16.6542

Protanomaly

88.4930, -11.0890, 10.0916

Deuteranomaly

88.9990, -11.8315, 14.9099

Tritanomaly

89.7310, -5.2904, 16.8989

Monochromacy



Original Color

89.0100, -11.8369, 16.6542

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8930, -4.3842, 6.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0100, -11.8369, 16.6542 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(108, 84, 65)` looks like.

```
.text, #text, p{  
    color:rgb(108, 84, 65)  
}
```

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(108, 84, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 84, 65) }
```

Border

The CSS property to change the border of an element to YUV 89.0100, -11.8369, 16.6542 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(108, 84, 65) }
```


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

```
.border{ border-color:rgb(108, 84, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 84, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 84, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 84, 65);  
box-shadow:4px 4px 4px 4px rgb(108, 84,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 89.0100, -11.8369, 16.6542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 84, 65) }
```

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

```
.background{ background-color: rgb(108, 84,  
65) }
```

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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