

Converting Colors

YUV(89.7680, -11.7176,
-21.7215)

Have a look what the booklet for
YUV(89.7680, -11.7176, -21.7215)
contains.

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Color

**YUV(89.7680, -11.7176,
-21.7215)**

Conversions

Conversions Part 1

Format	Color
Hex	416B42
RGB	65, 107, 66
RGB Percent	25%, 42%, 26%
CMY	0.7451, 0.5804, 0.7412
CMYK	0.39, 0.00, 0.38, 0.58
HSL	121°, 24%, 34%
HSV	121°, 39%, 42%
XYZ	8.4210, 12.0326, 7.0329
YIQ	89.7680, -11.8710, -21.6550

Conversions

Conversions Part 2

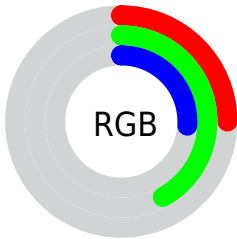
Format	Color
RYB	65, 106, 107
Decimal	4287298
CIELab	41.27, -23.94, 18.49
CIELCh	41, 30.252, 142.320
Yxy	12.0326, 0.3064, 0.4378
Android (android.graphics.Color)	4282477378 (0xFF416B42)
YUV	89.7680, -11.7176, -21.7215
Hunter-Lab	34.6880, -17.3703, 12.2606

Details

The YUV color **89.7680, -11.7176, -21.7215** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **82.2320, 11.7176, 21.7215**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7140, -13.1700, -22.5512**, and **42.2240, -9.9704, -22.1214** is the 20% darker color. If you saturate the color by 10%, you get **85.3390, -14.4641, -27.4843**, and if you desaturate by 10%, it is **94.1970, -8.9711, -15.9588**.

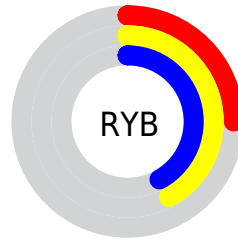
Distribution



Red (25%)

Green (42%)

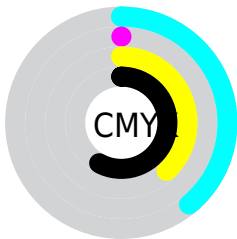
Blue (26%)



Red (25%)

Yellow (42%)

Blue (42%)

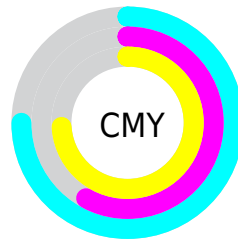


Cyan (39%)

Magenta (0%)

Yellow (38%)

Black (58%)



Cyan (75%)

Magenta (58%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7680, -11.7176, -21.7215 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 89.7680, -11.7176, -21.7215 by changing the saturation by 10% instead.

■ 89.7680, -11.7176,
-21.7215

■ 89.7680, -11.7176,
-21.7215

■ 255.0000, 0.0000,
0.0000

■ 65.8820, -11.2808,
-21.8215

■ 140.7140,
-13.1700, -22.5512

■ 42.2240, -9.9704,
-22.1214

■ 167.3010,
-13.4594, -23.0660

■ 21.7190, -10.7075,
-19.0476

■ 194.7740,
-14.1856, -23.4808

■ 5.2830, -2.6045,
-4.6332

■ 222.4750,
-14.0382, -24.0956

■ 0.0000, 0.0000,
0.0000

■ 241.9690, -9.8447,
-15.7588

■ 253.5330, -1.7418,

-1.3444

■ 89.7680, -11.7176,
-21.7215

■ 89.7680, -11.7176,
-21.7215

■ 85.3390, -14.4641,
-27.4843

■ 94.1970, -8.9711,
-15.9588

■ 81.0950, -17.7948,
-32.5323

■ 98.4410, -5.6404,
-10.9108

■ 76.6660, -20.5413,
-38.2951

■ 102.8700, -2.8939,
-5.1480

■ 72.1230, -23.7246,
-43.9579

■ 107.4130, 0.2894,
0.5148

■ 67.9930, -26.6185,
-49.1059

■ 111.8420, 3.0359,
6.2776

■ 63.4500, -29.8018,
-54.7686

■ 116.0860, 6.3666,
11.3256

■ 63.1510, -29.6544,
-55.3834

■ 120.5150, 9.1131,
17.0883

■ 125.0580, 12.2964,
22.7511

■ 129.1880, 15.1903,
27.8991

Harmonies

Analogous

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



93.6800, -21.5342, 0.2806



89.7680, -11.7176, -21.7215



81.7070, 4.0884, -51.4860

Triad

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



89.7680, -11.7176, -21.7215



89.0760, 28.0635, -41.2857



98.2610, -9.0027, 40.9901

Complementary

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



89.7680, -11.7176, -21.7215



82.2320, 11.7176, 21.7215

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.



99.6160, 2.6543, 35.4168



89.7680, -11.7176, -21.7215



97.8030, 22.2821, -6.8432

Square

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



89.7680, -11.7176, -21.7215



78.3130, 28.4397, -68.6805



100.3780, 13.6176, 18.9625



97.2850, -18.8745, 33.9531

Rectangle

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



89.7680, -11.7176, -21.7215



76.7680, 14.9044, -67.3255



100.3780, 13.6176, 18.9625



98.5860, -5.2189, 40.7051

Sweetspot

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



89.7680, -11.7176, -21.7215



133.0930, -4.4828, -8.8516



101.9130, -18.1981, 3.5843



66.9840, -2.4571, -5.2480



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.



89.7680, -11.7176, -21.7215



112.9700, -18.2262, -34.1767



92.1620, -2.5449, -23.8211



51.5220, -1.7363, -3.0888



69.0210, -32.5484, -60.5314



144.4990, -68.2800, -126.7256

Inverse Universe

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



82.2320, 11.7176, 21.7215



101.1440, 18.6630, 34.0767



79.8380, 2.5449, 23.8211



50.3640, 1.2995, 3.1888



48.0930, 32.9852, 60.4314



100.5010, 68.2800, 126.7256

Previews

White Background



This preview shows how the YUV color 89.7680, -11.7176, -21.7215 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 89.7680, -11.7176, -21.7215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

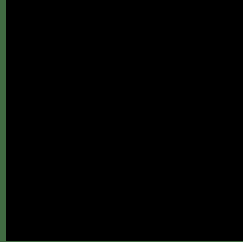
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7680, -11.7176, -21.7215

Background



This preview shows how black text looks on a background with the YUV color 89.7680, -11.7176, -21.7215.



This preview shows how white text looks on a background with the YUV color 89.7680, -11.7176,

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

89.7680, -11.7176, -21.7215

Protanopia

95.7010, -16.6146, 9.0322

Deuteranopia

96.8420, -13.7261, 15.9246



Tritanopia

94.5400, 7.6218, -18.0136

Trichromacy



Original Color

89.7680, -11.7176, -21.7215

Protanomaly

93.6780, -15.1243, -2.3486

Deuteranomaly

94.2810, -12.9565, 2.3846

Tritanomaly

92.9930, 0.4965, -19.2879

Monochromacy



Original Color

89.7680, -11.7176, -21.7215

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8050, -4.3409, -7.7220

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7680, -11.7176, -21.7215 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(65, 107, 66)` looks like.

```
.text, #text, p{  
    color:rgb(65, 107, 66)  
}
```

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(65, 107, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 107, 66) }
```

Border

The CSS property to change the border of an element to YUV 89.7680, -11.7176, -21.7215 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(65, 107, 66) }
```


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

```
.border{ border-color:rgb(65, 107, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 107, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 107, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 107, 66);  
box-shadow:4px 4px 4px 4px rgb(65, 107,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 89.7680, -11.7176, -21.7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 107, 66) }
```

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

```
.background{ background-color: rgb(65, 107,  
66) }
```

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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