

Converting Colors

YUV(89.3610, 25.9510,
-16.9796)

Have a look what the booklet for
YUV(89.3610, 25.9510, -16.9796)
contains.

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Color

**YUV(89.3610, 25.9510,
-16.9796)**

Conversions

Conversions Part 1

Format	Color
Hex	46598E
RGB	70, 89, 142
RGB Percent	27%, 35%, 56%
CMY	0.7255, 0.6510, 0.4431
CMYK	0.51, 0.37, 0.00, 0.44
HSL	224°, 34%, 42%
HSV	224°, 51%, 56%
XYZ	10.9807, 10.3998, 27.0198
YIQ	89.3610, -28.3370, 12.4550

Conversions

Conversions Part 2

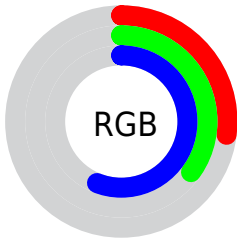
Format	Color
R_{YB}	70, 85, 142
Decimal	4610446
CIE Lab	38.55, 8.39, -31.63
CIE LCh	39, 32.722, 284.851
Yxy	10.3998, 0.2269, 0.2149
Android (android.graphics.Color)	4282800526 (0xFF46598E)
YUV	89.3610, 25.9510, -16.9796
Hunter-Lab	32.2488, 4.3435, -27.1023

Details

The YUV color **89.3610, 25.9510, -16.9796** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **122.6390, -25.9510, 16.9796**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7140, 27.2560, -15.5352**, and **39.7900, 25.2465, -24.3718** is the 20% darker color. If you saturate the color by 10%, you get **79.3050, 30.9086, -20.4385**, and if you desaturate by 10%, it is **99.4170, 20.9934, -13.5207**.

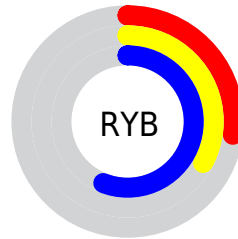
Distribution



Red (27%)

Green (35%)

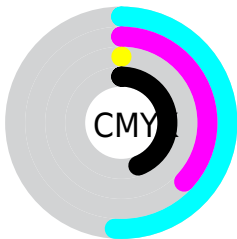
Blue (56%)



Red (27%)

Yellow (33%)

Blue (56%)

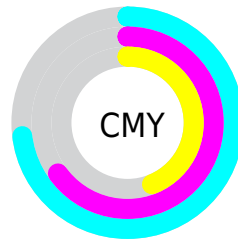


Cyan (51%)

Magenta (37%)

Yellow (0%)

Black (44%)



Cyan (73%)

Magenta (65%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3610, 25.9510, -16.9796 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 89.3610, 25.9510, -16.9796 by changing the saturation by 10% instead.

■ 89.3610, 25.9510,
-16.9796

■ 89.3610, 25.9510,
-16.9796

■ 255.0000, 0.0000,
0.0000

■ 65.1220, 25.0829,
-18.5240

■ 140.7140, 27.2560,
-15.5352

■ 39.7900, 25.2465,
-24.3718

■ 167.2410, 27.9822,
-15.1204

■ 21.7260, 22.3201,
-19.0537

■ 194.4690, 28.8558,
-15.3203

■ 6.3040, 19.0771,
-5.5286

■ 219.5050, 17.4990,
-12.7209

■ 3.2090, 9.7570,
-2.8143

■ 244.6120, 5.1213,
-9.3067

■ 0.0000, 0.0000,
0.0000

■ 89.3610, 25.9510,
-16.9796

■ 89.3610, 25.9510,
-16.9796

■ 79.3050, 30.9086,
-20.4385

■ 99.4170, 20.9934,
-13.5207

■ 68.6620, 36.1556,
-23.3826

■ 110.0600, 15.7464,
-10.5766

■ 58.3070, 41.2606,
-27.4562

■ 120.4150, 10.6414,
-6.5030

■ 47.6640, 46.5076,
-30.4003

■ 131.0580, 5.3944,
-3.5589

■ 37.9070, 51.3178,
-33.2444

■ 141.1140, 0.4368,
-0.1000

■ 151.7570, -4.8102,
2.8441

■ 161.8130, -9.7678,
6.3030

■ 172.7550,

-15.1622, 9.8619

■ 182.8110,
-20.1198, 13.3208

Harmonies

Analogous

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



73.1270, 33.9544, -64.1324



89.3610, 25.9510, -16.9796



93.9690, 17.2703, 14.0592

Triad

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



89.3610, 25.9510, -16.9796



90.5460, -18.0172, 38.9862



74.2080, 0.8835, -50.1714

Complementary

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



89.3610, 25.9510, -16.9796



122.6390, -25.9510, 16.9796

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.



83.7640, -15.6597, -17.3330



89.3610, 25.9510, -16.9796



89.6230, -24.9571, 24.8866

Square

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



89.3610, 25.9510, -16.9796



91.6680, -6.2453, 43.2642



86.9150, -24.6081, 6.2135



72.7900, 14.8935, -63.8368

Rectangle

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



89.3610, 25.9510, -16.9796



93.2330, 10.2381, 29.6137



86.9150, -24.6081, 6.2135



78.8740, -5.8539, -35.8465

Sweetspot

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



89.3610, 25.9510, -16.9796



163.3010, 10.2046, -6.4030



118.3060, 2.3141, -42.3644



79.8730, 5.9786, -4.2736



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



89.3610, 25.9510, -16.9796



101.7910, 40.5290, -26.1267



83.2910, 28.9435, 3.2528



65.9720, 2.4788, -1.7294



36.5220, 48.5497, -32.0298



2.0860, 2.9156, -1.8294

Inverse Universe

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



93.6940, -2.3141, 42.3644



108.7940, -3.8424, 65.9557



128.7090, -28.9435, -3.2528



66.3210, -0.1583, 4.1035



44.4690, -4.1752, 79.3957



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 89.3610, 25.9510, -16.9796 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 89.3610, 25.9510, -16.9796 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 89.3610, 25.9510, -16.9796

Background



This preview shows how black text looks on a background with the YUV color 89.3610, 25.9510, -16.9796.

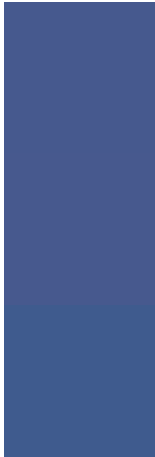


This preview shows how white text looks on a background with the YUV color 89.3610, 25.9510,

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

89.3610, 25.9510, -16.9796

Protanopia

89.6600, 25.8036, -16.3648

Deuteranopia

88.4420, 26.4041, -22.3126



Tritanopia

86.2510, 9.2433, -24.7761

Trichromacy



Original Color

89.3610, 25.9510, -16.9796

Protanomaly

89.6600, 25.8036, -16.3648

Deuteranomaly

88.7520, 26.2513, -19.9535

Tritanomaly

87.1680, 15.2002, -22.0723

Monochromacy



Original Color

89.3610, 25.9510, -16.9796

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0730, 9.3310, -6.2030

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3610, 25.9510, -16.9796 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(70, 89, 142)` looks like.

```
.text, #text, p{  
    color:rgb(70, 89, 142)  
}
```

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(70, 89, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 89, 142) }
```

Border

The CSS property to change the border of an element to YUV 89.3610, 25.9510, -16.9796 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(70, 89, 142) }
```


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

```
.border{ border-color:rgb(70, 89, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 89, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 89, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 89, 142);  
box-shadow:4px 4px 4px 4px rgb(70, 89,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 89.3610, 25.9510, -16.9796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 89, 142) }
```

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

```
.background{ background-color: rgb(70, 89,  
142) }
```

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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