

Converting Colors

YUV(89.3640, 18.0615, -6.4582)

Have a look what the booklet for
YUV(89.3640, 18.0615, -6.4582)
contains.

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Color

**YUV(89.3640, 18.0615,
-6.4582)**

Conversions

Conversions Part 1

Format	Color
Hex	52567E
RGB	82, 86, 126
RGB Percent	32%, 34%, 49%
CMY	0.6784, 0.6627, 0.5059
CMYK	0.35, 0.32, 0.00, 0.51
HSL	235°, 21%, 41%
HSV	235°, 35%, 49%
XYZ	10.5734, 9.9558, 21.1030
YIQ	89.3640, -15.2240, 11.5920

Conversions

Conversions Part 2

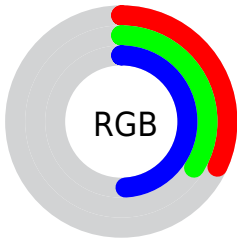
Format	Color
R_{YB}	82, 86, 126
Decimal	5396094
CIE Lab	37.76, 8.73, -23.05
CIE LCh	38, 24.647, 290.754
Yxy	9.9558, 0.2540, 0.2391
Android (android.graphics.Color)	4283586174 (0xFF52567E)
YUV	89.3640, 18.0615, -6.4582
Hunter-Lab	31.5528, 4.5981, -17.5672

Details

The YUV color **89.3640, 18.0615, -6.4582** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **118.6360, -18.0615, 6.4582**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0050, 19.2245, -6.1434**, and **43.0110, 16.7566, -7.9026** is the 20% darker color. If you saturate the color by 10%, you get **79.0200, 23.1611, -8.7875**, and if you desaturate by 10%, it is **99.7080, 12.9620, -4.1289**.

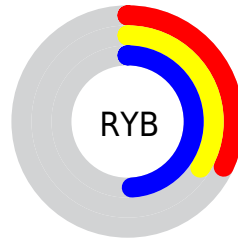
Distribution



Red (32%)

Green (34%)

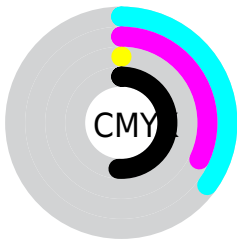
Blue (49%)



Red (32%)

Yellow (34%)

Blue (49%)

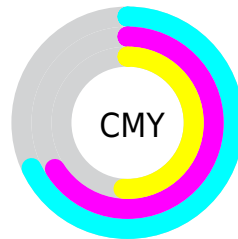


Cyan (35%)

Magenta (32%)

Yellow (0%)

Black (51%)



Cyan (68%)

Magenta (66%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3640, 18.0615, -6.4582 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 89.3640, 18.0615, -6.4582 by changing the saturation by 10% instead.

■ 89.3640, 18.0615,
-6.4582

■ 89.3640, 18.0615,
-6.4582

■ 255.0000, 0.0000,
0.0000

■ 65.8370, 17.3354,
-6.8730

■ 140.0050, 19.2245,
-6.1434

■ 43.0110, 16.7566,
-7.9026

■ 166.1190, 19.6613,
-6.2434

■ 21.1740, 16.1832,
-10.6766

■ 193.6460, 20.3875,
-5.8285

■ 4.8220, 13.3988,
-4.2289

■ 220.7340, 16.8931,
-5.0287

■ 0.5700, 2.1840,
-0.4999

■ 245.5420, 4.6628,
-2.2293

■ 0.0000, 0.0000,
0.0000

■ 89.3640, 18.0615,
-6.4582

■ 89.3640, 18.0615,
-6.4582

■ 79.0200, 23.1611,
-8.7875

■ 99.7080, 12.9620,
-4.1289

■ 68.3880, 28.4027,
-9.9873

■ 110.3400, 7.7204,
-2.9292

■ 58.0440, 33.5023,
-12.3166

■ 120.6840, 2.6208,
-0.5999

■ 47.4120, 38.7439,
-13.5163

■ 131.3160, -2.6208,
0.5999

■ 37.0680, 43.8435,
-15.8456

■ 141.6600, -7.7204,
2.9292

■ 26.1370, 49.2325,
-17.6601

■ 152.5910,
-13.1094, 4.7437

■ 20.8210, 51.8532,
-18.2600

■ 162.6360,
-18.0615, 6.4582

■ 173.5670,

-23.4505, 8.2727

■ 183.6120,
-28.4027, 9.9873

Harmonies

Analogous

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



83.5350, 21.9212, -31.1642



89.3640, 18.0615, -6.4582



91.6610, 11.0131, 14.3293

Triad

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



89.3640, 18.0615, -6.4582



89.2780, -14.9271, 27.8202



78.8230, 1.5663, -35.8018

Complementary

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



89.3640, 18.0615, -6.4582



118.6360, -18.0615, 6.4582

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.



83.5560, -10.1341, -16.2736



89.3640, 18.0615, -6.4582



88.0610, -19.2571, 16.6095

Square

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



89.3640, 18.0615, -6.4582



90.3740, -7.0864, 32.9980



86.1300, -17.3191, 1.6400



69.7410, 15.9037, -61.1629

Rectangle

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



89.3640, 18.0615, -6.4582



91.2340, 5.3076, 24.3508



86.1300, -17.3191, 1.6400



80.4280, -2.6760, -28.4394

Sweetspot

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



89.3640, 18.0615, -6.4582



149.4110, 6.6994, -2.1144



112.3880, 4.7387, -26.6503



73.7270, 4.0786, -1.5146



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



89.3640, 18.0615, -6.4582



106.2740, 27.9659, -9.8873



92.3980, 16.5658, 6.6670



58.3850, 2.7682, -1.2146



21.6360, 52.4375, -18.9748



0.0000, 0.0000, 0.0000

Inverse Universe

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



95.6120, -4.7387, 26.6503



116.0160, -7.4029, 41.2050



115.6020, -16.5658, -6.6670



59.2070, -0.5951, 4.2035



39.6400, -13.6265, 77.4917



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 89.3640, 18.0615, -6.4582 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 89.3640, 18.0615, -6.4582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

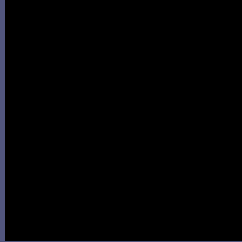
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.3640, 18.0615, -6.4582

Background



This preview shows how black text looks on a background with the YUV color 89.3640, 18.0615, -6.4582.



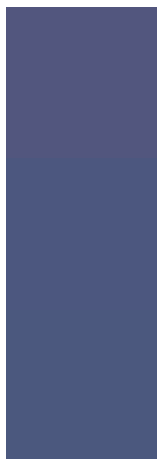
This preview shows how white text looks on a background with the YUV color 89.3640, 18.0615,

-6.4582.

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

89.3640, 18.0615, -6.4582

Protanopia

88.2710, 19.0934, -10.7617

Deuteranopia

88.4450, 18.5146, -11.7913



Tritanopia

87.4270, 5.7055, -10.0215

Trichromacy



Original Color

89.3640, 18.0615, -6.4582

Protanomaly

88.8690, 18.7986, -9.5321

Deuteranomaly

88.7550, 18.3618, -9.4321

Tritanomaly

87.9910, 10.3574, -8.7621

Monochromacy



Original Color

89.3640, 18.0615, -6.4582

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9980, 6.4100, -2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3640, 18.0615, -6.4582 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(82, 86, 126)` looks like.

```
.text, #text, p{  
    color:rgb(82, 86, 126)  
}
```

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(82, 86, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 86, 126) }
```

Border

The CSS property to change the border of an element to YUV 89.3640, 18.0615, -6.4582 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(82, 86, 126) }
```


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

```
.border{ border-color:rgb(82, 86, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 86, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 86, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 86, 126);  
box-shadow:4px 4px 4px 4px rgb(82, 86,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 89.3640, 18.0615, -6.4582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 86, 126) }
```

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

```
.background{ background-color: rgb(82, 86,  
126) }
```

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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