

Converting Colors

YUV(85.3640, 18.0615, -6.4582)

Have a look what the booklet for
YUV(85.3640, 18.0615, -6.4582)
contains.

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Color

**YUV(85.3640, 18.0615,
-6.4582)**

Conversions

Conversions Part 1

Format	Color
Hex	4E527A
RGB	78, 82, 122
RGB Percent	31%, 32%, 48%
CMY	0.6941, 0.6784, 0.5216
CMYK	0.36, 0.33, 0.00, 0.52
HSL	235°, 22%, 39%
HSV	235°, 36%, 48%
XYZ	9.6720, 9.0594, 19.6512
YIQ	85.3640, -15.2240, 11.5920

Conversions

Conversions Part 2

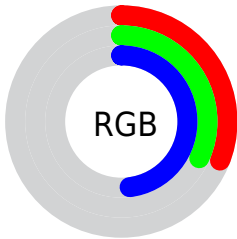
Format	Color
R_{YB}	78, 82, 122
Decimal	5132922
CIE Lab	36.10, 8.87, -23.20
CIE LCh	36, 24.838, 290.926
Yxy	9.0594, 0.2520, 0.2360
Android (android.graphics.Color)	4283323002 (0xFF4E527A)
YUV	85.3640, 18.0615, -6.4582
Hunter-Lab	30.0989, 4.6865, -17.6406

Details

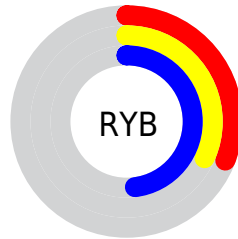
The YUV color **85.3640, 18.0615, -6.4582** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **114.6360, -18.0615, 6.4582**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4180, 19.5139, -5.6286**, and **39.5980, 16.4672, -8.4174** is the 20% darker color. If you saturate the color by 10%, you get **75.3190, 23.0137, -8.1728**, and if you desaturate by 10%, it is **95.4090, 13.1094, -4.7437**.

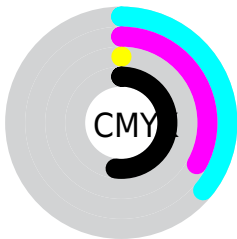
Distribution



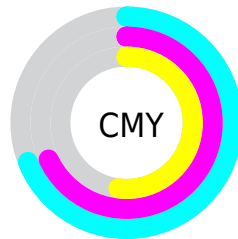
- Red (31%)
- Green (32%)
- Blue (48%)



- Red (31%)
- Yellow (32%)
- Blue (48%)



- Cyan (36%)
- Magenta (33%)
- Yellow (0%)
- Black (52%)



- Cyan (69%)
- Magenta (68%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.3640, 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 85.3640, 18.0615, -6.4582 by changing the saturation by 10% instead.

■ 85.3640, 18.0615,
-6.4582

■ 85.3640, 18.0615,
-6.4582

■ 255.0000, 0.0000,
0.0000

■ 61.8370, 17.3354,
-6.8730

■ 135.4180, 19.5139,
-5.6286

■ 39.5980, 16.4672,
-8.4174

■ 161.5320, 19.9507,
-5.7286

■ 17.4730, 16.0358,
-10.0618

■ 188.6460, 20.3875,
-5.8285

■ 4.4800, 12.0884,
-3.9290

■ 216.3040, 19.0771,
-5.5286

■ 0.0000, 0.0000,
0.0000

■ 241.4110, 6.6994,
-2.1144

■ 85.3640, 18.0615,
-6.4582

■ 85.3640, 18.0615,
-6.4582

■ 75.3190, 23.0137,
-8.1728

■ 95.4090, 13.1094,
-4.7437

■ 65.2740, 27.9659,
-9.8873

■ 105.4540, 8.1572,
-3.0292

■ 54.9300, 33.0655,
-12.2166

■ 115.7980, 3.0576,
-0.6998

■ 44.8850, 38.0177,
-13.9311

■ 125.8430, -1.8946,
1.0147

■ 34.8400, 42.9699,
-15.6457

■ 135.8880, -6.8468,
2.7292

■ 24.2080, 48.2115,
-16.8454

■ 146.5200,
-12.0884, 3.9290

■ 20.3650, 50.1061,
-17.8601

■ 156.5650,
-17.0405, 5.6435

■ 166.9090,

-22.1401, 7.9728

■ 176.9540,
-27.0923, 9.6873

Harmonies

Analogous

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



79.2360, 22.0687, -31.7790



85.3640, 18.0615, -6.4582



87.6610, 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.



85.3640, 18.0615, -6.4582



85.2780, -14.9271, 27.8202



74.5240, 1.7137, -36.4165

Complementary

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



85.3640, 18.0615, -6.4582



114.6360, -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.



79.5560, -10.1341, -16.2736



85.3640, 18.0615, -6.4582



84.0610, -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.



85.3640, 18.0615, -6.4582



86.0750, -6.9390, 32.3832



82.1300, -17.3191, 1.6400



66.9370, 15.3141, -58.7037

Rectangle

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



85.3640, 18.0615, -6.4582



87.2340, 5.3076, 24.3508



82.1300, -17.3191, 1.6400



76.1290, -2.5286, -29.0541

Sweetspot

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



85.3640, 18.0615, -6.4582



143.5250, 7.1362, -2.2144



108.3880, 4.7387, -26.6503



70.7270, 4.0786, -1.5146



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



85.3640, 18.0615, -6.4582



101.2740, 27.9659, -9.8873



88.3980, 16.5658, 6.6670



56.2710, 2.3314, -1.1147



20.7070, 51.4164, -18.1600



42.2290, 103.4171, -37.0348

Inverse Universe

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



91.6120, -4.7387, 26.6503



111.0160, -7.4029, 41.2050



111.6020, -16.5658, -6.6670



56.9080, -0.4476, 3.5887



38.6290, -13.6211, 75.7474



77.9700, -27.1002, 152.6243

Previews

White Background



This preview shows how the YUV color 85.3640, 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 85.3640, 18.0615, -6.4582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

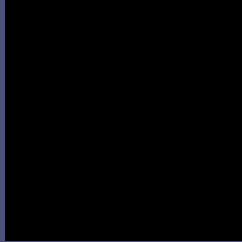
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.3640, 18.0615, -6.4582

Background



This preview shows how black text looks on a background with the YUV color 85.3640, 18.0615, -6.4582.



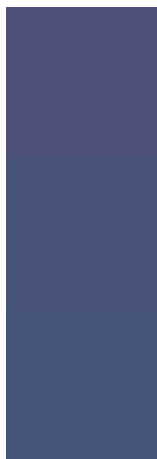
This preview shows how white text looks on a background with the YUV color 85.3640, 18.0615,

-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

85.3640, 18.0615, -6.4582

Protanopia

84.8580, 18.8040, -11.2765

Deuteranopia

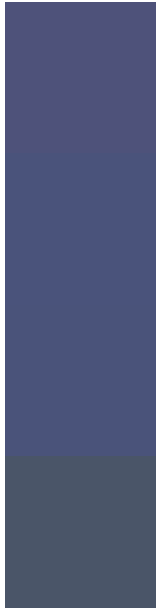
84.4450, 18.5146, -11.7913



Tritanopia

83.3130, 5.2687, -9.9215

Trichromacy



Original Color

85.3640, 18.0615, -6.4582

Protanomaly

84.8690, 18.7986, -9.5321

Deuteranomaly

84.7550, 18.3618, -9.4321

Tritanomaly

83.8770, 9.9206, -8.6621

Monochromacy



Original Color

85.3640, 18.0615, -6.4582

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9980, 6.4100, -2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.3640, 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(78, 82, 122)` looks like.

```
.text, #text, p{  
    color:rgb(78, 82, 122)  
}
```

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(78, 82, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 82, 122) }
```

Border

The CSS property to change the border of an element to YUV 85.3640, 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(78, 82, 122) }
```


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

```
.border{ border-color:rgb(78, 82, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 82, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 82, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 82, 122);  
box-shadow:4px 4px 4px 4px rgb(78, 82,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 85.3640, 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(78, 82, 122) }
```

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

```
.background{ background-color: rgb(78, 82,  
122) }
```

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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