

Converting Colors

YUV(85.9640, -25.6183, 3.5396)

Have a look what the booklet for
YUV(85.9640, -25.6183, 3.5396)
contains.

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Color

**YUV(85.9640, -25.6183,
3.5396)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5E22
RGB	90, 94, 34
RGB Percent	35%, 37%, 13%
CMY	0.6471, 0.6314, 0.8667
CMYK	0.04, 0.00, 0.64, 0.63
HSL	64°, 47%, 25%
HSV	64°, 64%, 37%
XYZ	8.5079, 10.2946, 3.0520
YIQ	85.9640, 16.8760, -19.5080

Conversions

Conversions Part 2

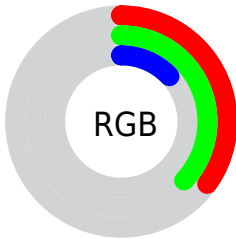
Format	Color
RYB	34, 94, 38
Decimal	5922338
CIELab	38.37, -10.67, 32.98
CIELCh	38, 34.664, 107.929
Yxy	10.2946, 0.3893, 0.4711
Android (android.graphics.Color)	4284112418 (0xFF5A5E22)
YUV	85.9640, -25.6183, 3.5396
Hunter-Lab	32.0851, -8.8169, 16.8198

Details

The YUV color **85.9640, -25.6183, 3.5396** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **42.0360, 25.6183, -3.5396**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2200, -27.2235, 5.0691**, and **41.0330, -20.2293, 1.7251** is the 20% darker color. If you saturate the color by 10%, you get **84.6390, -29.4020, 3.8246**, and if you desaturate by 10%, it is **87.2890, -21.8345, 3.2545**.

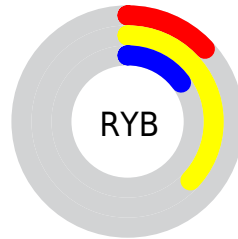
Distribution



 Red (35%)

 Green (37%)

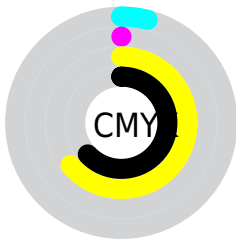
 Blue (13%)



 Red (13%)

 Yellow (37%)

 Blue (15%)

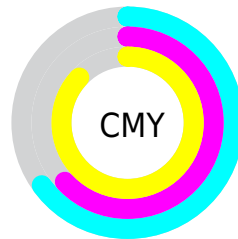


 Cyan (4%)

 Magenta (0%)

 Yellow (64%)

 Black (63%)



 Cyan (65%)

 Magenta (63%)

 Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.9640, -25.6183, 3.5396 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 85.9640, -25.6183, 3.5396 by changing the saturation by 10% instead.

■ 85.9640, -25.6183,
3.5396

■ 85.9640, -25.6183,
3.5396

■ 255.0000, 0.0000,
0.0000

■ 61.6650, -25.4708,
2.9248

■ 136.2200,
-27.2235, 5.0691

■ 41.0330, -20.2293,
1.7251

■ 162.9920,
-28.0971, 5.2690

■ 21.8180, -10.7563,
-3.3484

■ 190.1770,
-28.6813, 5.9838

■ 0.0000, 0.0000,
0.0000

■ 217.9490,
-29.5549, 6.1837

■ 246.8350,
-29.9917, 6.2837

■ 250.3260,

-17.9087, 4.0991

253.5180, -5.6784,
1.2997

85.9640, -25.6183,
3.5396

85.9640, -25.6183,
3.5396

84.6390, -29.4020,
3.8246

87.2890, -21.8345,
3.2545

83.4990, -33.7700,
4.8244

88.4290, -17.4665,
2.2548

82.1740, -37.5538,
5.1094

89.7540, -13.6827,
1.9697

81.4900, -40.1746,
5.7093

91.1930, -9.4621,
1.5847

92.2190, -5.5310,
0.6849

■ 93.5440, -1.7472,
0.3999

■ 94.6840, 2.6208,
-0.5999

■ 96.0090, 6.4046,
-0.8849

■ 97.4480, 10.6251,
-1.2699

Harmonies

Analogous

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



88.4550, -26.8463, 24.1570



85.9640, -25.6183, 3.5396



81.8560, -15.2120, -20.9217

Triad

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



85.9640, -25.6183, 3.5396



74.8080, 27.7027, -65.6066



91.7350, 5.5536, 38.8204

Complementary

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



85.9640, -25.6183, 3.5396



42.0360, 25.6183, -3.5396

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.



92.9910, 17.2594, 17.5479



85.9640, -25.6183, 3.5396



73.4690, 35.2648, -64.4323

Square

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



85.9640, -25.6183, 3.5396



73.2460, 16.6407, -64.2367



89.3120, 26.9612, -14.3056



90.6360, -7.7085, 45.9232

Rectangle

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



85.9640, -25.6183, 3.5396



75.6880, -3.7902, -44.4534



89.3120, 26.9612, -14.3056



93.0270, 9.3537, 33.3023

Sweetspot

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



85.9640, -25.6183, 3.5396



119.0790, -9.8989, 1.6847



54.2880, -10.0020, 34.8274



59.1050, -5.9678, 0.7849



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



85.9640, -25.6183, 3.5396



109.4900, -40.1746, 5.7093



76.9940, -21.1960, -14.9037



45.4300, -2.1840, 0.4999



95.0680, -46.8685, 6.0794



205.1980, -101.1626, 13.8584

Inverse Universe

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



42.0360, 25.6183, -3.5396



40.5100, 40.1746, -5.7093



51.0060, 21.1960, 14.9037



41.8690, 2.0366, 0.1149



14.6330, 47.0159, -6.6941



31.8020, 101.1626, -13.8584

Previews

White Background



This preview shows how the YUV color 85.9640, -25.6183, 3.5396 looks on a white background.

Color Contrast Check

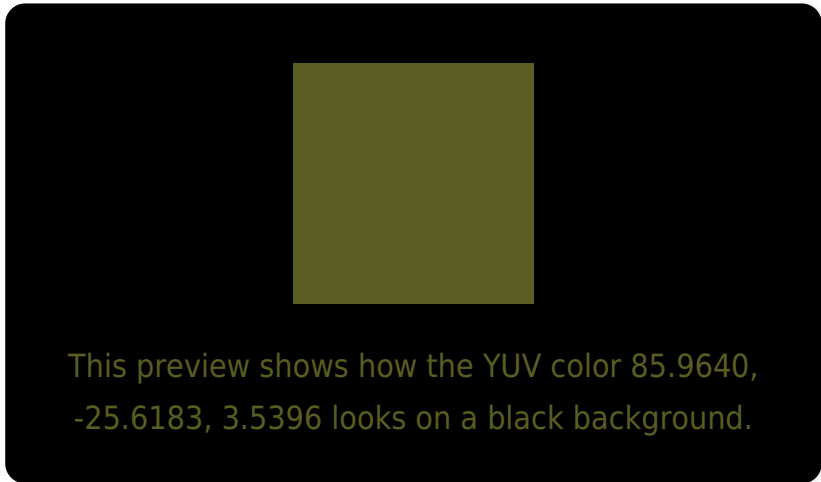
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

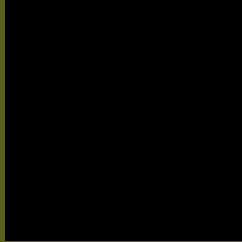
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.9640, -25.6183, 3.5396

Background



This preview shows how black text looks on a background with the YUV color 85.9640, -25.6183, 3.5396.



This preview shows how white text looks on a background with the YUV color 85.9640, -25.6183,

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

85.9640, -25.6183, 3.5396

Protanopia

86.7910, -26.5190, 12.4613

Deuteranopia

88.1880, -25.2357, 20.8831



Tritanopia

91.1900, 1.8783, 4.2184

Trichromacy



Original Color

85.9640, -25.6183, 3.5396

Protanomaly

86.1820, -26.2187, 9.4874

Deuteranomaly

87.4430, -25.3614, 14.5205

Tritanomaly

89.2580, -8.0152, 4.1587

Monochromacy



Original Color

85.9640, -25.6183, 3.5396

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.8940, -9.3147, 0.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9640, -25.6183, 3.5396 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(90, 94, 34)` looks like.

```
.text, #text, p{  
    color:rgb(90, 94, 34)  
}
```

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(90, 94, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 94, 34) }
```

Border

The CSS property to change the border of an element to YUV 85.9640, -25.6183, 3.5396 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(90, 94, 34) }
```


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

```
.border{ border-color:rgb(90, 94, 34) }
```

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

Here you see how a box with a 4 pixel rgb(90, 94, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 94, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 94, 34);  
box-shadow:4px 4px 4px 4px rgb(90, 94, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.9640, -25.6183, 3.5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 94, 34) }
```

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

```
.background{ background-color: rgb(90, 94,  
34) }
```

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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