

Converting Colors

YUV(67.3840, -25.8253,
23.3422)

Have a look what the booklet for
YUV(67.3840, -25.8253, 23.3422)
contains.

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Color

**YUV(67.3840, -25.8253,
23.3422)**

Conversions

Conversions Part 1

Format	Color
Hex	5E400F
RGB	94, 64, 15
RGB Percent	37%, 25%, 6%
CMY	0.6314, 0.7490, 0.9412
CMYK	0.00, 0.32, 0.84, 0.63
HSL	37°, 72%, 21%
HSV	37°, 84%, 37%
XYZ	6.5357, 6.0810, 1.2812
YIQ	67.3840, 33.6090, -8.8790

Conversions

Conversions Part 2

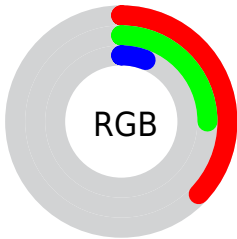
Format	Color
RYB	63, 94, 15
Decimal	6176783
CIELab	29.62, 8.22, 33.16
CIELCh	30, 34.162, 76.071
Yxy	6.0810, 0.4703, 0.4375
Android (android.graphics.Color)	4284366863 (0xFF5E400F)
YUV	67.3840, -25.8253, 23.3422
Hunter-Lab	24.6596, 4.1548, 14.1813

Details

The YUV color **67.3840, -25.8253, 23.3422** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **41.6160, 25.8253, -23.3422**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9500, -27.5833, 27.2309**, and **25.7710, -12.7051, 15.1098** is the 20% darker color. If you saturate the color by 10%, you get **64.0100, -28.5989, 26.3012**, and if you desaturate by 10%, it is **70.7580, -23.0517, 20.3832**.

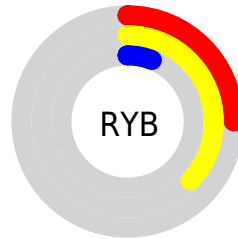
Distribution



Red (37%)

Green (25%)

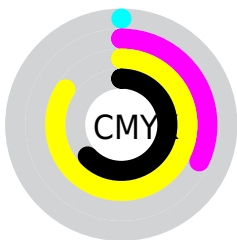
Blue (6%)



Red (25%)

Yellow (37%)

Blue (6%)

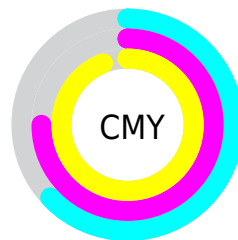


Cyan (0%)

Magenta (32%)

Yellow (84%)

Black (63%)



Cyan (63%)


Magenta (75%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 67.3840, -25.8253, 23.3422 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 67.3840, -25.8253, 23.3422 by changing the saturation by 10% instead.


 67.3840, -25.8253,
23.3422


 67.3840, -25.8253,
23.3422


 253.9740, -3.9312,
0.8998


 45.2850, -22.3255,
20.7981

 116.9500,
-27.5833, 27.2309


 25.7710, -12.7051,
15.1098


 142.4340,
-28.3150, 28.5604

 4.7840, -2.3585,
9.8364

 169.2170,
-29.1940, 30.5047

 0.0000, 0.0000,
0.0000

 196.7010,
-29.9256, 31.8342

 222.6790,
-29.9147, 28.3455

 242.3070,

-25.7874, 11.1318

■ 250.7820,
-16.1615, 3.6992

■ 67.3840, -25.8253,
23.3422

■ 67.3840, -25.8253,
23.3422

■ 64.0100, -28.5989,
26.3012

■ 70.7580, -23.0517,
20.3832

■ 62.1520, -30.6409,
27.9307

■ 73.6590, -19.5519,
17.8391

■ 77.0330, -16.7783,
14.8801

■ 79.9340, -13.2785,
12.3359

■ 83.3080, -10.5048,
9.3769

■ 86.0950, -7.4418,
6.9327

■ 89.5830, -4.2314,
3.8737

■ 92.9570, -1.4578,
0.9147

■ 95.8580, 2.0420,
-1.6295

Harmonies

Analogous

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



68.0620, -17.2856, 37.6566



67.3840, -25.8253, 23.3422



65.3770, -25.3289, 4.0544

Triad

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



67.3840, -25.8253, 23.3422



58.2970, 12.6716, -51.1265



72.2680, 17.1229, 14.6740

Complementary

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



67.3840, -25.8253, 23.3422



41.6160, 25.8253, -23.3422

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.



67.7630, 26.2458, -18.2092



67.3840, -25.8253, 23.3422



59.7450, 23.2967, -52.3964

Square

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



67.3840, -25.8253, 23.3422



54.5180, 0.7306, -47.8123



58.4060, 30.8588, -51.2221



70.5390, 6.1433, 36.3613

Rectangle

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



67.3840, -25.8253, 23.3422



63.1840, -19.3177, -10.6854



58.4060, 30.8588, -51.2221



71.4240, 20.4970, 5.7672

Sweetspot

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



67.3840, -25.8253, 23.3422



112.1230, -9.9206, 8.6621



42.0410, 1.4588, 45.5680



54.8390, -5.8366, 5.4032



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.



67.3840, -25.8253, 23.3422



81.0900, -39.9774, 35.8781



82.3030, -33.1804, 2.3653



44.2560, -1.6052, 1.5295



72.8060, -35.8934, 32.6191



157.1520, -77.4759, 70.0267

Inverse Universe

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



41.6160, 25.8253, -23.3422



40.9100, 39.9774, -35.8781



26.6970, 33.1804, -2.3653



42.7440, 1.6052, -1.5295



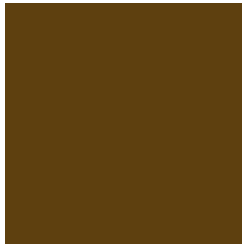
37.1940, 35.8934, -32.6191



79.8480, 77.4759, -70.0267

Previews

White Background



This preview shows how the YUV color 67.3840, -25.8253, 23.3422 looks on a white background.

Color Contrast Check

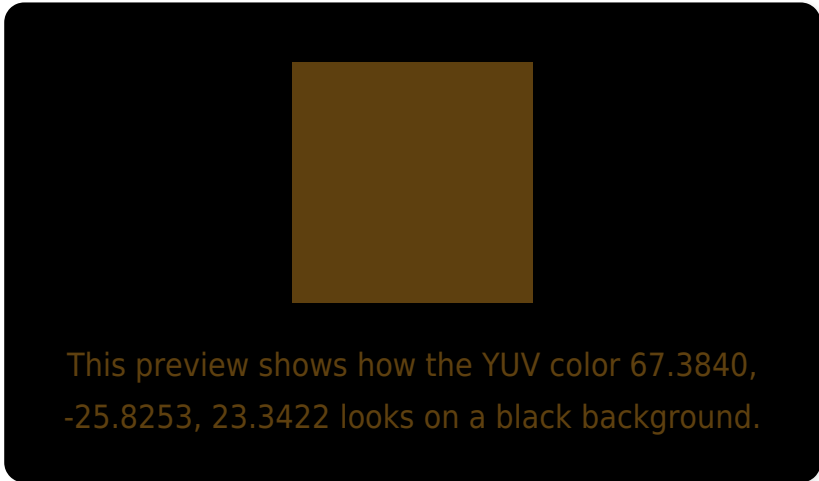
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

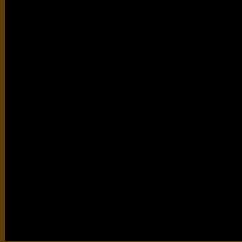
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.3840, -25.8253, 23.3422

Background



This preview shows how black text looks on a background with the YUV color 67.3840, -25.8253, 23.3422.



This preview shows how white text looks on a background with the YUV color 67.3840, -25.8253,

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

67.3840, -25.8253, 23.3422

Protanopia

66.6490, -24.4770, 10.8318

Deuteranopia

67.5360, -26.3932, 18.8239



Tritanopia

71.5190, -3.7069, 22.3468

Trichromacy



Original Color

67.3840, -25.8253, 23.3422

Protanomaly

66.8560, -25.0720, 15.0353

Deuteranomaly

67.5470, -26.3987, 20.5683

Tritanomaly

69.7550, -11.7112, 23.0169

Monochromacy



Original Color

67.3840, -25.8253, 23.3422

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2370, -9.4838, 8.5622

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.3840, -25.8253, 23.3422 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(94, 64, 15)` looks like.

```
.text, #text, p{  
    color:rgb(94, 64, 15)  
}
```

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(94, 64, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 64, 15) }
```

Border

The CSS property to change the border of an element to YUV 67.3840, -25.8253, 23.3422 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(94, 64, 15) }
```


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

```
.border{ border-color:rgb(94, 64, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 64, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 64, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 64, 15);  
box-shadow:4px 4px 4px 4px rgb(94, 64, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.3840, -25.8253, 23.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 64, 15) }
```

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

```
.background{ background-color: rgb(94, 64,  
15) }
```

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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