

Converting Colors

YUV(68.8390, -22.5986,
15.0502)

Have a look what the booklet for
YUV(68.8390, -22.5986, 15.0502)
contains.

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Color

**YUV(68.8390, -22.5986,
15.0502)**

Conversions

Conversions Part 1

Format	Color
Hex	564517
RGB	86, 69, 23
RGB Percent	34%, 27%, 9%
CMY	0.6627, 0.7294, 0.9098
CMYK	0.00, 0.20, 0.73, 0.66
HSL	44°, 58%, 21%
HSV	44°, 73%, 34%
XYZ	6.1205, 6.2965, 1.7034
YIQ	68.8390, 24.8980, -10.7020

Conversions

Conversions Part 2

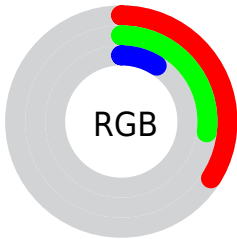
Format	Color
RYB	46, 86, 23
Decimal	5653783
CIELab	30.15, 1.49, 29.55
CIElCh	30, 29.584, 87.105
Yxy	6.2965, 0.4335, 0.4459
Android (android.graphics.Color)	4283843863 (0xFF564517)
YUV	68.8390, -22.5986, 15.0502
Hunter-Lab	25.0929, -0.3738, 13.5403

Details

The YUV color **68.8390, -22.5986, 15.0502** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **40.1610, 22.5986, -15.0502**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.8070, -24.0619, 17.7093**, and **26.6240, -13.1256, 9.9768** is the 20% darker color. If you saturate the color by 10%, you get **66.6390, -25.9510, 16.9796**, and if you desaturate by 10%, it is **71.0390, -19.2462, 13.1208**.

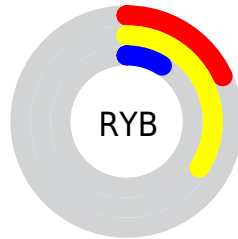
Distribution



 Red (34%)

 Green (27%)

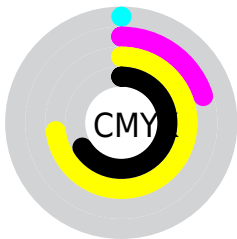
 Blue (9%)



 Red (18%)

 Yellow (34%)

 Blue (9%)

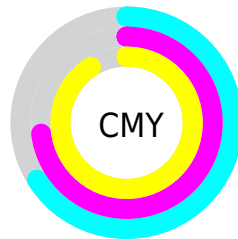


 Cyan (0%)

 Magenta (20%)

 Yellow (73%)

 Black (66%)



 Cyan (66%)

 Magenta (73%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.8390, -22.5986, 15.0502 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 68.8390, -22.5986, 15.0502 by changing the saturation by 10% instead.

68.8390, -22.5986,
15.0502

68.8390, -22.5986,
15.0502

255.0000, 0.0000,
0.0000

46.1270, -22.7406,
13.9206

117.8070,
-24.0619, 17.7093

26.6240, -13.1256,
9.9768

143.2910,
-24.7935, 19.0388

1.4950, -0.7370,
3.0739

170.3620,
-25.8145, 19.8535

0.0000, 0.0000,
0.0000

197.5470,
-26.3987, 20.5683

225.7320,
-26.9829, 21.2830

247.3280,

-24.3187, 6.7283

251.6940,
-12.6671, 2.8994

68.8390, -22.5986,
15.0502

68.8390, -22.5986,
15.0502

66.6390, -25.9510,
16.9796

71.0390, -19.2462,
13.1208

63.9660, -28.5772,
19.3238

73.7120, -16.6200,
10.7766

62.6950, -30.9086,
20.4385

75.9120, -13.2676,
8.8472

77.9980, -10.3520,
7.0178

80.7850, -7.2890,
4.5736

■ 82.9850, -3.9366,
2.6442

■ 85.0710, -1.0210,
0.8147

■ 87.8580, 2.0420,
-1.6295

■ 89.9440, 4.9576,
-3.4589

Harmonies

Analogous

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



69.7790, -18.1320, 29.1348



68.8390, -22.5986, 15.0502



66.6410, -19.0500, -3.1932

Triad

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



68.8390, -22.5986, 15.0502



58.5080, 16.0186, -51.3115



73.4060, 11.1388, 20.6919

Complementary

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



68.8390, -22.5986, 15.0502



40.1610, 22.5986, -15.0502

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.



72.1410, 19.6505, -2.7547



68.8390, -22.5986, 15.0502



59.3860, 24.4597, -52.0815

Square

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



68.8390, -22.5986, 15.0502



55.8860, 5.9722, -49.0120



61.2610, 27.4793, -40.5709



71.8610, 1.0545, 35.2019

Rectangle

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



68.8390, -22.5986, 15.0502



64.1600, -12.8969, -16.8033



61.2610, 27.4793, -40.5709



73.5730, 14.5075, 13.5295

Sweetspot

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



68.8390, -22.5986, 15.0502



105.7420, -8.7468, 5.4883



43.8890, -1.4243, 36.9313



52.0560, -4.9576, 3.4589



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



68.8390, -22.5986, 15.0502



85.4520, -35.7188, 23.2826



74.6320, -25.4546, -2.3083



41.9570, -1.4578, 0.9147



77.7790, -38.3450, 25.6268



170.6420, -84.1265, 56.4420

Inverse Universe

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



40.1610, 22.5986, -15.0502



40.1350, 35.4294, -23.7974



34.3680, 25.4546, 2.3083



40.0430, 1.4578, -0.9147



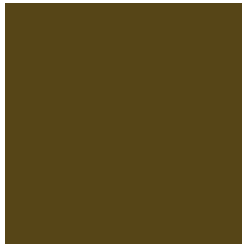
29.2210, 38.3450, -25.6268



63.7710, 84.4159, -55.9272

Previews

White Background



This preview shows how the YUV color 68.8390, -22.5986, 15.0502 looks on a white background.

Color Contrast Check

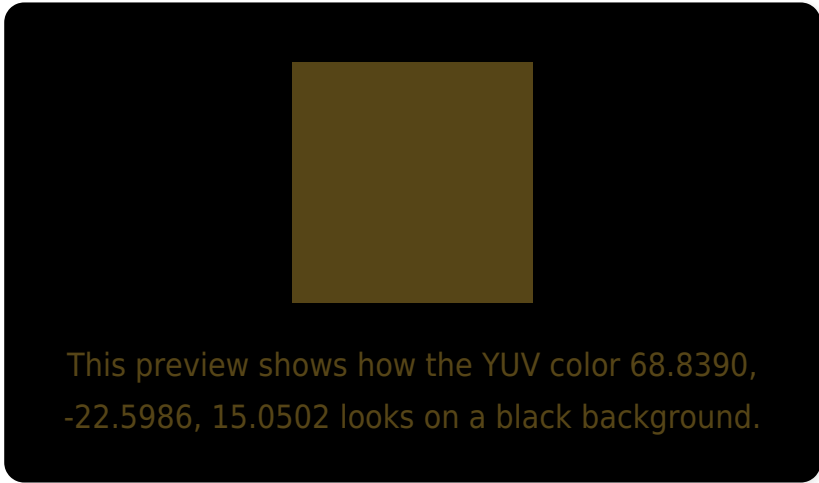
Large Text (above 18pt) WCAG AA ✓ Pass

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

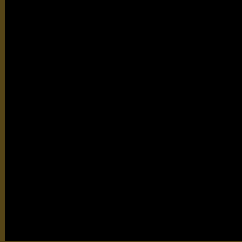
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.8390, -22.5986, 15.0502

Background



This preview shows how black text looks on a background with the YUV color 68.8390, -22.5986, 15.0502.



This preview shows how white text looks on a background with the YUV color 68.8390, -22.5986,

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

68.8390, -22.5986, 15.0502

Protanopia

68.3330, -21.8562, 10.2320

Deuteranopia

69.1490, -22.7515, 17.4093



Tritanopia

72.6320, -1.7906, 14.3547

Trichromacy



Original Color

68.8390, -22.5986, 15.0502

Protanomaly

68.3440, -21.8616, 11.9763

Deuteranomaly

68.8500, -22.6040, 16.7946

Tritanomaly

70.9820, -9.3581, 14.9248

Monochromacy



Original Color

68.8390, -22.5986, 15.0502

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.8560, -8.3100, 5.3883

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.8390, -22.5986, 15.0502 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(86, 69, 23)` looks like.

```
.text, #text, p{  
    color:rgb(86, 69, 23)  
}
```

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(86, 69, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 69, 23) }
```

Border

The CSS property to change the border of an element to YUV 68.8390, -22.5986, 15.0502 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(86, 69, 23) }
```


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

```
.border{ border-color:rgb(86, 69, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 69, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 69, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 69, 23);  
box-shadow:4px 4px 4px 4px rgb(86, 69, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.8390, -22.5986, 15.0502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 69, 23) }
```

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

```
.background{ background-color: rgb(86, 69,  
23) }
```

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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