

Converting Colors

YUV(90.8390, -22.5986,
15.0502)

Have a look what the booklet for
YUV(90.8390, -22.5986, 15.0502)
contains.

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Color

**YUV(90.8390, -22.5986,
15.0502)**

Conversions

Conversions Part 1

Format	Color
Hex	6C5B2D
RGB	108, 91, 45
RGB Percent	42%, 36%, 18%
CMY	0.5765, 0.6431, 0.8235
CMYK	0.00, 0.16, 0.58, 0.58
HSL	44°, 41%, 30%
HSV	44°, 58%, 42%
XYZ	10.3991, 10.8598, 4.0307
YIQ	90.8390, 24.8980, -10.7020

Conversions

Conversions Part 2

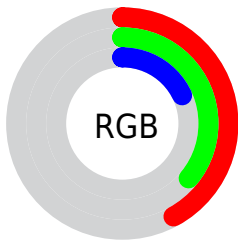
Format	Color
RYB	68, 108, 45
Decimal	7101229
CIELab	39.34, 0.59, 28.76
CIELCh	39, 28.770, 88.819
Yxy	10.8598, 0.4112, 0.4294
Android (android.graphics.Color)	4285291309 (0xFF6C5B2D)
YUV	90.8390, -22.5986, 15.0502
Hunter-Lab	32.9542, -1.3420, 15.8161

Details

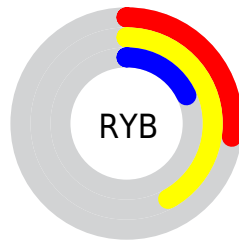
The YUV color $90.8390, -22.5986, 15.0502$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $62.1610, 22.5986, -15.0502$, and the grayscale version is $91.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $141.3940, -24.3512, 17.1945$, and $44.6430, -22.0090, 12.5911$ is the 20% darker color. If you saturate the color by 10%, you get $87.8240, -26.5352, 17.6944$, and if you desaturate by 10%, it is $93.8540, -18.6620, 12.4060$.

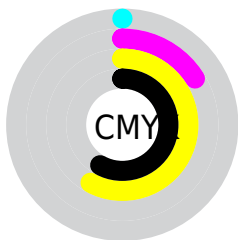
Distribution



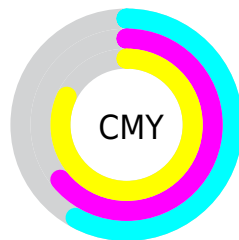
- Red (42%)
- Green (36%)
- Blue (18%)



- Red (27%)
- Yellow (42%)
- Blue (18%)



- Cyan (0%)
- Magenta (16%)
- Yellow (58%)
- Black (58%)



- Cyan (58%)
- Magenta (64%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.8390, -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 90.8390, -22.5986, 15.0502 by changing the saturation by 10% instead.

90.8390, -22.5986,
15.0502

90.8390, -22.5986,
15.0502

255.0000, 0.0000,
0.0000

67.3550, -21.8670,
13.7207

141.3940,
-24.3512, 17.1945

44.6430, -22.0090,
12.5911

167.8780,
-25.0829, 18.5240

25.1400, -12.3940,
8.6472

195.0630,
-25.6671, 19.2387

0.0000, 0.0000,
0.0000

223.2480,
-26.2513, 19.9535

246.0400,
-24.1767, 7.8579

251.5800,

-13.1039, 2.9993

254.8860, -0.4368,
0.1000

■ 90.8390, -22.5986,
15.0502

■ 90.8390, -22.5986,
15.0502

■ 87.8240, -26.5352,
17.6944

■ 93.8540, -18.6620,
12.4060

■ 84.8090, -30.4718,
20.3385

■ 96.8690, -14.7254,
9.7619

■ 81.9080, -33.9716,
22.8827

■ 99.7700, -11.2256,
7.2177

■ 78.8930, -37.9082,
25.5268

■ 102.7850, -7.2890,
4.5736

■ 78.6650, -38.7818,
25.7268

■ 105.8000, -3.3524,
1.9294

■ 108.2280, 0.8736,
-0.2000

■ 111.2430, 4.8102,
-2.8441

■ 114.1440, 8.3100,
-5.3883

■ 117.1590, 12.2466,
-8.0324

Harmonies

Analogous

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



92.4370, -19.4424, 29.4348



90.8390, -22.5986, 15.0502



88.3420, -18.9026, -3.8079

Triad

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



90.8390, -22.5986, 15.0502



74.0440, 19.6983, -64.9366



95.3030, 10.6966, 22.5363

Complementary

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



90.8390, -22.5986, 15.0502



62.1610, 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.



94.1520, 19.6451, -1.0103



90.8390, -22.5986, 15.0502



74.3350, 28.4288, -65.1918

Square

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



90.8390, -22.5986, 15.0502



74.7000, 8.0359, -57.6189



87.4580, 25.4102, -30.2197



94.6330, 0.1809, 35.4019

Rectangle

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



90.8390, -22.5986, 15.0502



85.9750, -12.3127, -17.5181



87.4580, 25.4102, -30.2197



95.4700, 14.0653, 15.3738

Sweetspot

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



90.8390, -22.5986, 15.0502



133.0410, -8.8942, 6.1030



65.8890, -1.4243, 36.9313



66.9420, -5.3944, 3.5589



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



90.8390, -22.5986, 15.0502



113.5660, -35.2820, 23.1826



96.6320, -25.4546, -2.3083



52.1420, -2.0420, 1.6295



85.4650, -42.1342, 27.6562



178.3280, -87.9157, 58.4713

Inverse Universe

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



62.1610, 22.5986, -15.0502



69.0210, 34.9926, -23.6974



56.3680, 25.4546, 2.3083



49.8580, 2.0420, -1.6295



32.1220, 41.8449, -28.1710



66.6720, 87.9157, -58.4713

Previews

White Background



This preview shows how the YUV color 90.8390, -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 × Fail

Black Background



This preview shows how the YUV color 90.8390, -22.5986, 15.0502 looks on a 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 90.8390, -22.5986, 15.0502

Background



This preview shows how black text looks on a background with the YUV color 90.8390, -22.5986, 15.0502.



This preview shows how white text looks on a background with the YUV color 90.8390, -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

90.8390, -22.5986, 15.0502

Protanopia

90.6320, -22.0036, 10.8467

Deuteranopia

90.9860, -22.1781, 20.1833



Tritanopia

94.4580, -1.2118, 15.3843

Trichromacy



Original Color

90.8390, -22.5986, 15.0502

Protanomaly

90.6430, -22.0090, 12.5911

Deuteranomaly

90.9750, -22.1727, 18.4389

Tritanomaly

93.3950, -9.0687, 15.4396

Monochromacy



Original Color

90.8390, -22.5986, 15.0502

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.8560, -8.3100, 5.3883

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.8390, -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(108, 91, 45)` looks like.

```
.text, #text, p{  
    color:rgb(108, 91, 45)  
}
```

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(108, 91, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 91, 45) }
```

Border

The CSS property to change the border of an element to YUV 90.8390, -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(108, 91, 45) }
```


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

```
.border{ border-color:rgb(108, 91, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 91, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 91, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 91, 45);  
box-shadow:4px 4px 4px 4px rgb(108, 91,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 90.8390, -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(108, 91, 45) }
```

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

```
.background{ background-color: rgb(108, 91,  
45) }
```

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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