

Converting Colors

YUV(66.3900, -24.8423,
34.7380)

Have a look what the booklet for
YUV(66.3900, -24.8423, 34.7380)
contains.

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Color

**YUV(66.3900, -24.8423,
34.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	6A3810
RGB	106, 56, 16
RGB Percent	42%, 22%, 6%
CMY	0.5843, 0.7804, 0.9373
CMYK	0.00, 0.47, 0.85, 0.58
HSL	27°, 74%, 24%
HSV	27°, 85%, 42%
XYZ	7.4516, 5.9299, 1.2421
YIQ	66.3900, 42.6400, -1.8400

Conversions

Conversions Part 2

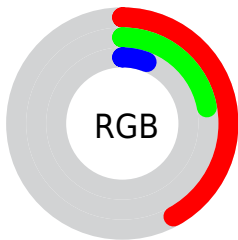
Format	Color
R_{YB}	106, 88, 16
Decimal	6961168
CIE _{Lab}	29.23, 19.02, 32.97
CIE _{LCh}	29, 38.061, 60.022
Yxy	5.9299, 0.5096, 0.4055
Android (android.graphics.Color)	4285151248 (0xFF6A3810)
YUV	66.3900, -24.8423, 34.7380
Hunter-Lab	24.3514, 12.0061, 14.0219

Details

The YUV color **66.3900, -24.8423, 34.7380** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **55.6100, 24.8423, -34.7380**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5540, -26.8951, 39.8561**, and **23.4780, -11.5747, 25.8908** is the 20% darker color. If you saturate the color by 10%, you get **61.6140, -27.9107, 38.9265**, and if you desaturate by 10%, it is **71.1660, -21.7738, 30.5494**.

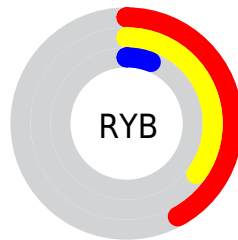
Distribution



Red (42%)

Green (22%)

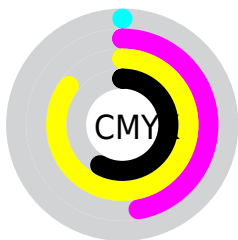
Blue (6%)



Red (42%)

Yellow (35%)

Blue (6%)

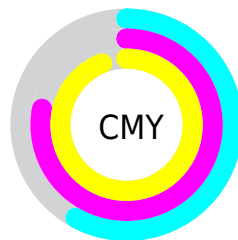


Cyan (0%)

Magenta (47%)

Yellow (85%)

Black (58%)



Cyan (58%)

Magenta (78%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.3900, -24.8423, 34.7380 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 66.3900, -24.8423, 34.7380 by changing the saturation by 10% instead.

66.3900, -24.8423,
34.7380

66.3900, -24.8423,
34.7380

253.9740, -3.9312,
0.8998

43.8780, -21.6319,
31.6790

116.5540,
-26.8951, 39.8561

23.4780, -11.5747,
25.8908

142.2230,
-28.2109, 41.9004

8.7850, -3.8380,
17.7286

169.0060,
-29.0900, 43.8447

0.0000, 0.0000,
0.0000

196.7890,
-29.9690, 45.7890

217.9830,
-27.5996, 32.4639

237.6110,

-23.4722, 15.2502

■ 250.7820,
-16.1615, 3.6992

■ 66.3900, -24.8423,
34.7380

■ 66.3900, -24.8423,
34.7380

■ 61.6140, -27.9107,
38.9265

■ 71.1660, -21.7738,
30.5494

■ 59.2830, -29.2265,
40.9708

■ 75.8280, -19.1422,
26.4608

■ 80.6040, -16.0738,
22.2723

■ 85.2660, -13.4421,
18.1837

■ 89.4550, -10.0843,
14.5100

■ 94.2310, -7.0159,
10.3214

■ 98.8930, -4.3842,
6.2328

■ 103.6690, -1.3158,
2.0443

■ 108.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



66.3820, -12.5133, 47.0230



66.3900, -24.8423, 34.7380



64.8470, -31.4766, 15.9202

Triad

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



66.3900, -24.8423, 34.7380



56.4730, 5.6828, -49.5268



69.8190, 24.7392, -1.5953

Complementary

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



66.3900, -24.8423, 34.7380



55.6100, 24.8423, -34.7380

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.



56.8560, 35.0740, -49.8627



66.3900, -24.8423, 34.7380



59.3060, 19.0761, -52.0114

Square

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



66.3900, -24.8423, 34.7380



51.2920, -6.5530, -44.9831



60.0530, 29.5539, -52.6665



70.5580, 14.0219, 29.3286

Rectangle

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



66.3900, -24.8423, 34.7380



62.7420, -28.9598, 1.9803



60.0530, 29.5539, -52.6665



67.0560, 28.5664, -15.8351

Sweetspot

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



66.3900, -24.8423, 34.7380



122.8570, -9.7895, 13.2804



48.7240, 9.0101, 50.2311



59.5620, -5.7001, 8.2771



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



66.3900, -24.8423, 34.7380



77.0690, -37.9950, 53.4365



92.2180, -37.5755, 12.0868



51.5550, -1.7526, 2.1443



65.5070, -32.2950, 45.1594



137.2380, -67.6583, 94.5073

Inverse Universe

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



55.6100, 24.8423, -34.7380



60.3440, 38.2844, -52.9217



29.7820, 37.5755, -12.0868



50.4450, 1.7526, -2.1443



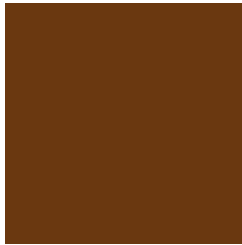
51.4930, 32.2950, -45.1594



107.7620, 67.6583, -94.5073

Previews

White Background



This preview shows how the YUV color 66.3900, -24.8423, 34.7380 looks on a white background.

Color Contrast Check

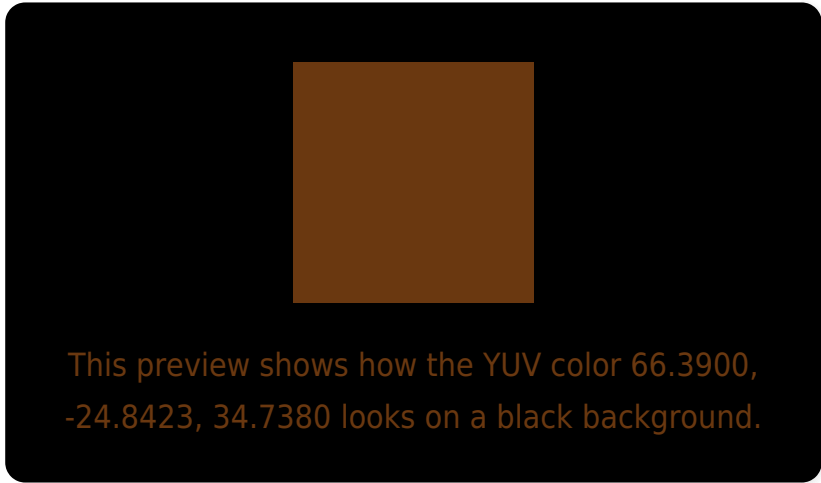
Large Text (above 18pt) WCAG AA ✓ Pass

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

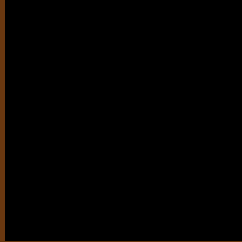
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.3900, -24.8423, 34.7380

Background



This preview shows how black text looks on a background with the YUV color 66.3900, -24.8423, 34.7380.



This preview shows how white text looks on a background with the YUV color 66.3900, -24.8423,

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

66.3900, -24.8423, 34.7380

Protanopia

66.6920, -23.0192, 9.9171

Deuteranopia

66.1940, -27.7036, 19.1239



Tritanopia

69.2000, -6.5076, 34.0276

Trichromacy



Original Color

66.3900, -24.8423, 34.7380

Protanomaly

66.6330, -23.4831, 18.7389

Deuteranomaly

66.1670, -26.7043, 25.2865

Tritanomaly

67.7780, -13.2016, 34.3977

Monochromacy



Original Color

66.3900, -24.8423, 34.7380

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.0850, -8.9159, 13.0805

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.3900, -24.8423, 34.7380 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(106, 56, 16)` looks like.

```
.text, #text, p{  
    color:rgb(106, 56, 16)  
}
```

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(106, 56, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 56, 16) }
```

Border

The CSS property to change the border of an element to YUV 66.3900, -24.8423, 34.7380 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(106, 56, 16) }
```


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

```
.border{ border-color:rgb(106, 56, 16) }
```

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

Here you see how a box with a 4 pixel rgb(106, 56, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 56, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 56, 16);  
box-shadow:4px 4px 4px 4px rgb(106, 56,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 66.3900, -24.8423, 34.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 56, 16) }
```

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

```
.background{ background-color: rgb(106, 56,  
16) }
```

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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