

Converting Colors

YUV(72.8410, -25.5576,
30.8344)

Have a look what the booklet for
YUV(72.8410, -25.5576, 30.8344)
contains.

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Color

**YUV(72.8410, -25.5576,
30.8344)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4115
RGB	108, 65, 21
RGB Percent	42%, 25%, 8%
CMY	0.5765, 0.7451, 0.9176
CMYK	0.00, 0.40, 0.81, 0.58
HSL	30°, 67%, 25%
HSV	30°, 81%, 42%
XYZ	8.2100, 7.0229, 1.6323
YIQ	72.8410, 39.7520, -4.5680

Conversions

Conversions Part 2

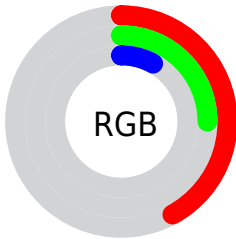
Format	Color
R_{YB}	106, 108, 21
Decimal	7094549
CIE Lab	31.86, 14.73, 33.20
CIE LCh	32, 36.324, 66.068
Yxy	7.0229, 0.4868, 0.4164
Android (android.graphics.Color)	4285284629 (0xFF6C4115)
YUV	72.8410, -25.5576, 30.8344
Hunter-Lab	26.5007, 8.9235, 14.8986

Details

The YUV color **72.8410, -25.5576, 30.8344** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **56.1590, 25.5576, -30.8344**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.7060, -27.4631, 35.3378**, and **29.6580, -14.6214, 23.1019** is the 20% darker color. If you saturate the color by 10%, you get **68.6520, -28.9154, 34.5082**, and if you desaturate by 10%, it is **77.0300, -22.1998, 27.1607**.

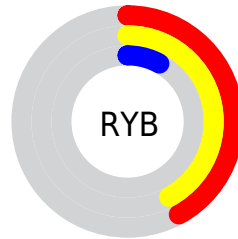
Distribution



Red (42%)

Green (25%)

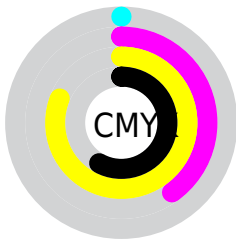
Blue (8%)



Red (42%)

Yellow (42%)

Blue (8%)

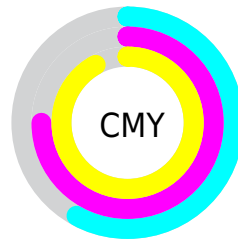


Cyan (0%)

Magenta (40%)

Yellow (81%)

Black (58%)



Cyan (58%)

Magenta (75%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8410, -25.5576, 30.8344 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 72.8410, -25.5576, 30.8344 by changing the saturation by 10% instead.

72.8410, -25.5576,
30.8344

72.8410, -25.5576,
30.8344

254.7720, -0.8736,
0.2000

49.7590, -24.5312,
28.2754

122.7060,
-27.4631, 35.3378

29.6580, -14.6214,
23.1019

149.3750,
-28.7789, 37.3821

9.8670, -4.8644,
20.2876

176.1580,
-29.6579, 39.3264


0.0000, 0.0000,
0.0000


203.6420,
-30.3895, 40.6560


224.6510,
-27.4359, 26.6161


244.1650,


-23.7453, 9.5023


 251.4660,
-13.5407, 3.0993


 72.8410, -25.5576,
30.8344


 72.8410, -25.5576,
30.8344


 68.6520, -28.9154,
34.5082


 77.0300, -22.1998,
27.1607

 64.5770, -31.8365,
38.0820

 81.8060, -19.1314,
22.9721

 85.8810, -16.2103,
19.3984

 90.0700, -12.8525,
15.7246

 94.8460, -9.7841,
11.5361

■ 99.0350, -6.4263,
7.8623

■ 103.2240, -3.0684,
4.1886

■ 107.8860, -0.4368,
0.1000

■ 112.0750, 2.9210,
-3.5738

Harmonies

Analogous

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



73.3770, -14.9759, 43.5194



72.8410, -25.5576, 30.8344



70.5090, -28.8449, 11.8316

Triad

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



72.8410, -25.5576, 30.8344



61.3630, 9.1880, -53.8154



77.0650, 21.6600, 6.0820

Complementary

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



72.8410, -25.5576, 30.8344



56.1590, 25.5576, -30.8344

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.



65.9390, 32.5681, -39.4115



72.8410, -25.5576, 30.8344



63.9680, 21.7078, -56.0999

Square

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



72.8410, -25.5576, 30.8344



56.8830, -2.9003, -49.8864



63.7860, 31.1645, -55.9403



76.4830, 11.1009, 32.9024

Rectangle

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



72.8410, -25.5576, 30.8344



69.1480, -24.7230, -3.6378



63.7860, 31.1645, -55.9403



75.4980, 24.8975, -5.6987

Sweetspot

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



72.8410, -25.5576, 30.8344



126.8460, -9.7841, 11.5361



52.0290, 6.3947, 49.0866



62.8500, -5.8420, 7.1476



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.



72.8410, -25.5576, 30.8344



85.1670, -40.0153, 48.0885



98.0820, -38.0014, 8.6981



51.5550, -1.7526, 2.1443



69.6160, -34.3207, 41.5558



146.0430, -71.9992, 86.7853

Inverse Universe

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



56.1590, 25.5576, -30.8344



58.8330, 40.0153, -48.0885



30.9180, 38.0014, -8.6981



50.4450, 1.7526, -2.1443



47.3840, 34.3207, -41.5558



98.9570, 71.9992, -86.7853

Previews

White Background



This preview shows how the YUV color 72.8410, -25.5576, 30.8344 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



This preview shows how the YUV color 72.8410, -25.5576, 30.8344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

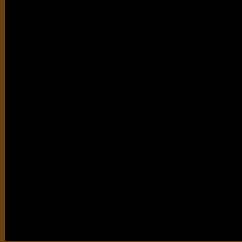
Any Text WCAG AA × Fail

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 72.8410, -25.5576, 30.8344 Background



This preview shows how black text looks on a background with the YUV color 72.8410, -25.5576, 30.8344.



This preview shows how white text looks on a background with the YUV color 72.8410, -25.5576,

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

72.8410, -25.5576, 30.8344

Protanopia

72.7630, -24.0402, 10.7318

Deuteranopia

72.7210, -26.9775, 19.5387



Tritanopia

76.1070, -5.4758, 29.7242

Trichromacy



Original Color

72.8410, -25.5576, 30.8344

Protanomaly

72.6930, -24.4986, 17.8092

Deuteranomaly

72.5690, -26.4095, 24.0570

Tritanomaly

74.5710, -12.6065, 30.1942

Monochromacy



Original Color

72.8410, -25.5576, 30.8344

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9600, -9.3473, 11.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8410, -25.5576, 30.8344 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, 65, 21)` looks like.

```
.text, #text, p{  
    color:rgb(108, 65, 21)  
}
```

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, 65, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 65, 21) }
```

Border

The CSS property to change the border of an element to YUV 72.8410, -25.5576, 30.8344 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, 65, 21) }
```


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

```
.border{ border-color:rgb(108, 65, 21) }
```

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

Here you see how a box with a 4 pixel rgb(108, 65, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 65, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 65, 21);  
box-shadow:4px 4px 4px 4px rgb(108, 65,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 72.8410, -25.5576, 30.8344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 65, 21) }
```

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

```
.background{ background-color: rgb(108, 65,  
21) }
```

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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