

Converting Colors

YUV(80.3420, -12.0006,
22.5021)

Have a look what the booklet for
YUV(80.3420, -12.0006, 22.5021)
contains.

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Color

**YUV(80.3420, -12.0006,
22.5021)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4838
RGB	106, 72, 56
RGB Percent	42%, 28%, 22%
CMY	0.5843, 0.7176, 0.7804
CMYK	0.00, 0.32, 0.47, 0.58
HSL	19°, 31%, 32%
HSV	19°, 47%, 42%
XYZ	8.9750, 7.9844, 4.8095
YIQ	80.3420, 25.4000, 2.2320

Conversions

Conversions Part 2

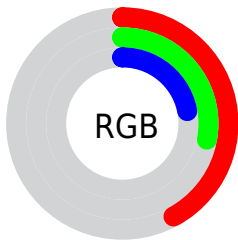
Format	Color
R_{YB}	106, 80, 56
Decimal	6965304
CIE Lab	33.95, 12.38, 15.42
CIE LCh	34, 19.778, 51.241
Yxy	7.9844, 0.4123, 0.3668
Android (android.graphics.Color)	4285155384 (0xFF6A4838)
YUV	80.3420, -12.0006, 22.5021
Hunter-Lab	28.2567, 7.2467, 9.6881

Details

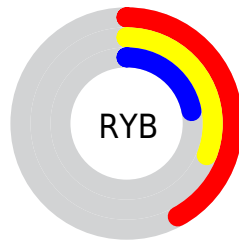
The YUV color **80.3420, -12.0006, 22.5021** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **81.6580, 12.0006, -22.5021**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.3100, -13.4638, 25.1611**, and **34.9610, -10.8268, 19.3282** is the 20% darker color. If you saturate the color by 10%, you get **74.9790, -14.7796, 27.2054**, and if you desaturate by 10%, it is **85.7050, -9.2216, 17.7987**.

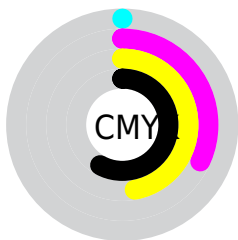
Distribution



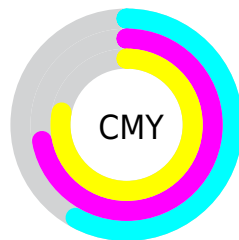
- Red (42%)
- Green (28%)
- Blue (22%)



- Red (42%)
- Yellow (31%)
- Blue (22%)



- Cyan (0%)
- Magenta (32%)
- Yellow (47%)
- Black (58%)



- Cyan (58%)
- Magenta (72%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.3420, -12.0006, 22.5021 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 80.3420, -12.0006, 22.5021 by changing the saturation by 10% instead.

■ 80.3420, -12.0006,
22.5021

■ 80.3420, -12.0006,
22.5021

■ 255.0000, 0.0000,
0.0000

■ 56.8580, -11.2690,
21.1725

■ 130.3100,
-13.4638, 25.1611

■ 34.9610, -10.8268,
19.3282

■ 155.9080,
-13.7586, 26.3907

■ 12.8130, -6.3168,
19.4580

■ 183.3920,
-14.4903, 27.7202

■ 0.0000, 0.0000,
0.0000

■ 210.6910,
-14.6377, 28.3350

■ 234.4940,
-12.5685, 17.9838

■ 252.9480, -7.8624,

1.7996

■ 80.3420, -12.0006,
22.5021

■ 80.3420, -12.0006,
22.5021

■ 74.9790, -14.7796,
27.2054

■ 85.7050, -9.2216,
17.7987

■ 69.7300, -17.1219,
31.8088

■ 90.9540, -6.8793,
13.1953

■ 63.7800, -19.6115,
37.0269

■ 96.9040, -4.3897,
7.9772

■ 58.5310, -21.9538,
41.6303

■ 102.1530, -2.0474,
3.3738

■ 53.1680, -24.7328,
46.3337

■ 107.5160, 0.7316,
-1.3295

■ 51.6520, -25.4644,
47.6632

■ 112.8790, 3.5107,
-6.0329

■ 118.1280, 5.8529,
-10.6363

■ 124.0780, 8.3425,
-15.8544

■ 129.3270, 10.6848,
-20.4578

Harmonies

Analogous

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



80.9710, -5.9017, 26.3354



80.3420, -12.0006, 22.5021



79.1900, -14.8837, 13.8654

Triad

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



80.3420, -12.0006, 22.5021



72.7640, 1.1023, -26.9800



80.0500, 14.2724, -4.4288

Complementary

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



80.3420, -12.0006, 22.5021



81.6580, 12.0006, -22.5021

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.



76.6240, 16.9474, -22.4722



80.3420, -12.0006, 22.5021



69.8040, 10.4496, -38.4161

Square

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



80.3420, -12.0006, 22.5021



75.5610, -7.6716, -12.7700



71.0090, 16.2646, -36.8419



82.0690, 8.8400, 11.3405

Rectangle

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



80.3420, -12.0006, 22.5021



78.5480, -14.5672, 5.6584



71.0090, 16.2646, -36.8419



78.9460, 15.3096, -10.4766

Sweetspot

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



80.3420, -12.0006, 22.5021



128.0890, -4.9739, 8.6919



74.8260, 7.4808, 27.3396



62.9360, -2.9264, 5.3181



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.



80.3420, -12.0006, 22.5021



97.2960, -18.8799, 35.6974



95.0170, -19.2354, 9.6321



50.9680, -1.4632, 2.6591



57.2890, -28.2435, 52.3665



119.0410, -58.6872, 110.4660

Inverse Universe

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



81.6580, 12.0006, -22.5021



99.7040, 18.8799, -35.6974



66.9830, 19.2354, -9.6321



51.0320, 1.4632, -2.6591



60.2980, 27.9541, -52.8813



125.3720, 58.9766, -109.9512

Previews

White Background



This preview shows how the YUV color 80.3420, -12.0006, 22.5021 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 80.3420, -12.0006, 22.5021 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 80.3420, -12.0006, 22.5021

Background



This preview shows how black text looks on a background with the YUV color 80.3420, -12.0006, 22.5021.

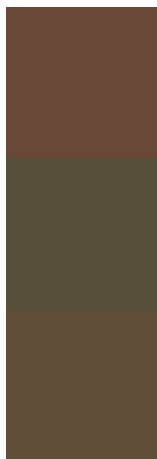


This preview shows how white text looks on a background with the YUV color 80.3420, -12.0006,

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

80.3420, -12.0006, 22.5021

Protanopia

79.4000, -10.0572, 5.7882

Deuteranopia

80.1730, -12.4103, 13.8803



Tritanopia

81.3450, -3.1281, 23.3764

Trichromacy



Original Color

80.3420, -12.0006, 22.5021

Protanomaly

79.6180, -10.6577, 11.7360

Deuteranomaly

80.1950, -12.4211, 17.3690

Tritanomaly

80.8350, -6.3277, 22.9467

Monochromacy



Original Color

80.3420, -12.0006, 22.5021

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9040, -4.3897, 7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.3420, -12.0006, 22.5021 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, 72, 56)` looks like.

```
.text, #text, p{  
    color:rgb(106, 72, 56)  
}
```

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, 72, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 72, 56) }
```

Border

The CSS property to change the border of an element to YUV 80.3420, -12.0006, 22.5021 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, 72, 56) }
```


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

```
.border{ border-color:rgb(106, 72, 56) }
```

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

Here you see how a box with a 4 pixel rgb(106, 72, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 72, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 72, 56);  
box-shadow:4px 4px 4px 4px rgb(106, 72,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 80.3420, -12.0006, 22.5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 72, 56) }
```

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

```
.background{ background-color: rgb(106, 72,  
56) }
```

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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