

Converting Colors

YUV(70.5820, -12.6119,
31.9386)

Have a look what the booklet for
YUV(70.5820, -12.6119, 31.9386)
contains.

| | |
|--|----|
| YUV(70.5820, -12.6119, 31.9386) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(70.5820, -12.6119,
31.9386)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 6B392D |
| RGB | 107, 57, 45 |
| RGB Percent | 42%, 22%, 18% |
| CMY | 0.5804, 0.7765, 0.8235 |
| CMYK | 0.00, 0.47, 0.58, 0.58 |
| HSL | 12°, 41%, 30% |
| HSV | 12°, 58%, 42% |
| XYZ | 8.0002, 6.2415, 3.2657 |
| YIQ | 70.5820, 33.6520, 6.8680 |

Conversions

Conversions Part 2

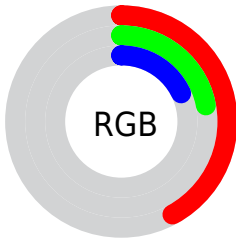
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 107, 60, 45 |
| Decimal | 7026989 |
| CIE _{Lab} | 30.01, 20.79, 17.19 |
| CIE _{LCh} | 30, 26.978, 39.594 |
| Yxy | 6.2415, 0.4570, 0.3565 |
| Android (android.graphics.Color) | 4285217069 (0xFF6B392D) |
| YUV | 70.5820, -12.6119, 31.9386 |
| Hunter-Lab | 24.9830, 13.4398, 9.7379 |

Details

The YUV color **70.5820, -12.6119, 31.9386** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **81.4180, 12.6119, -31.9386**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.1480, -14.3700, 35.8272**, and **24.6740, -12.1643, 28.3499** is the 20% darker color. If you saturate the color by 10%, you get **64.0450, -14.8122, 37.6715**, and if you desaturate by 10%, it is **77.1190, -10.4117, 26.2056**.

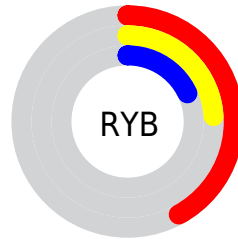
Distribution



Red (42%)

Green (22%)

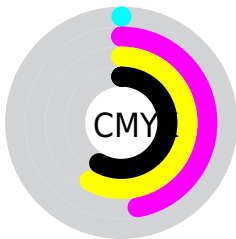
Blue (18%)



Red (42%)

Yellow (24%)

Blue (18%)

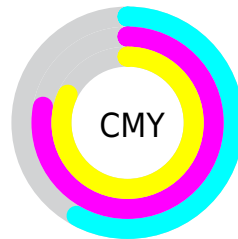


Cyan (0%)

Magenta (47%)

Yellow (58%)

Black (58%)



Cyan (58%)

Magenta (78%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.5820, -12.6119, 31.9386 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 70.5820, -12.6119, 31.9386 by changing the saturation by 10% instead.

■ 70.5820, -12.6119,
31.9386

■ 70.5820, -12.6119,
31.9386

■ 255.0000, 0.0000,
0.0000

■ 47.5000, -11.5855,
29.3795

■ 120.1480,
-14.3700, 35.8272

■ 24.6740, -12.1643,
28.3499

■ 145.9310,
-15.2490, 37.7715

■ 10.5790, -4.7224,
21.4172

■ 173.4150,
-15.9806, 39.1010

■ 0.0000, 0.0000,
0.0000

■ 200.8990,
-16.7122, 40.4306

■ 222.3320,
-13.4747, 28.6498

■ 242.5470, -9.6367,

10.9213

254.5440, -1.7472,
0.3999

■ 70.5820, -12.6119,
31.9386

■ 70.5820, -12.6119,
31.9386

■ 64.0450, -14.8122,
37.6715

■ 77.1190, -10.4117,
26.2056

■ 58.2090, -16.8650,
42.7897

■ 82.9550, -8.3588,
21.0875

■ 51.6720, -19.0653,
48.5227

■ 89.4920, -6.1586,
15.3545

■ 45.1350, -21.2656,
54.2556

■ 96.0290, -3.9583,
9.6216

■ 44.3200, -21.8498,
54.9704

■ 101.9790, -1.4686,
4.4034

■ 108.4020, 0.2948,
-1.2296

■ 114.3520, 2.7845,
-6.4477

■ 120.8890, 4.9847,
-12.1807

■ 127.3120, 6.7482,
-17.8136

Harmonies

Analogous

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



71.4110, -3.1606, 33.8426



70.5820, -12.6119, 31.9386



69.5070, -18.9840, 22.3574

Triad

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



70.5820, -12.6119, 31.9386



60.1070, -2.5178, -32.5428



68.7970, 21.2991, -18.2390

Complementary

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



70.5820, -12.6119, 31.9386



81.4180, 12.6119, -31.9386

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.



57.7390, 25.7647, -50.6371



70.5820, -12.6119, 31.9386



56.3250, 10.1928, -49.3970

Square

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



70.5820, -12.6119, 31.9386



65.5630, -14.0816, -10.1408



58.0180, 19.2181, -50.8818



72.9420, 14.8186, 7.0669

Rectangle

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



70.5820, -12.6119, 31.9386



68.3980, -20.4092, 12.8060



58.0180, 19.2181, -50.8818



65.1870, 23.0788, -29.1050

Sweetspot

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



70.5820, -12.6119, 31.9386



126.1110, -4.9847, 12.1807



69.3520, 13.1375, 33.0173



62.9470, -2.9319, 7.0625



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.



70.5820, -12.6119, 31.9386



82.4550, -19.9443, 50.4670



88.1920, -21.2937, 16.4946



50.3810, -1.1738, 3.1739



48.4840, -23.9026, 60.0885



100.8440, -49.7161, 126.4248

Inverse Universe

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



81.4180, 12.6119, -31.9386



99.5450, 19.9443, -50.4670



63.8080, 21.2937, -16.4946



51.6190, 1.1738, -3.1739



69.1030, 23.6132, -60.6033



143.5690, 50.0055, -125.9100

Previews

White Background



This preview shows how the YUV color 70.5820, -12.6119, 31.9386 looks on a white background.

Color Contrast Check

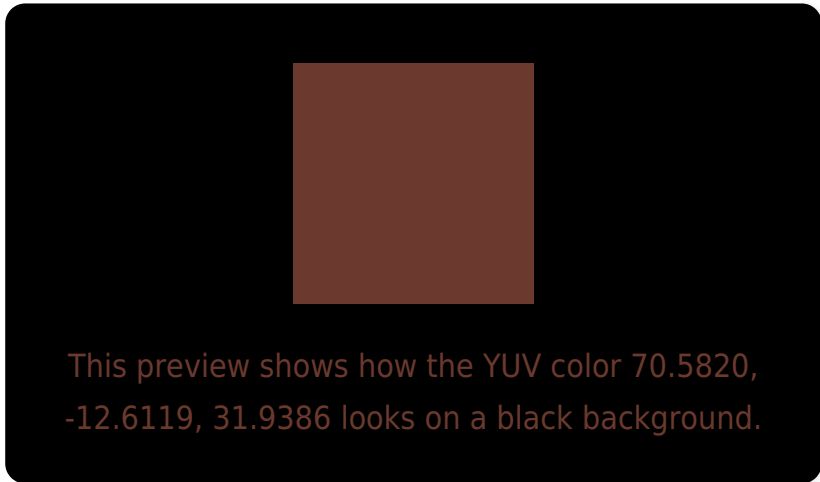
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.5820, -12.6119, 31.9386

Background



This preview shows how black text looks on a background with the YUV color 70.5820, -12.6119, 31.9386.

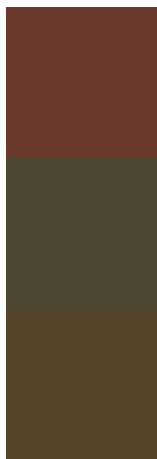


This preview shows how white text looks on a background with the YUV color 70.5820, -12.6119,

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

70.5820, -12.6119, 31.9386

Protanopia

70.5140, -9.6204, 5.6882

Deuteranopia

70.5320, -13.5733, 13.5654



Tritanopia

71.3030, -6.0654, 32.1833

Trichromacy



Original Color

70.5820, -12.6119, 31.9386

Protanomaly

70.6400, -10.6685, 15.2247

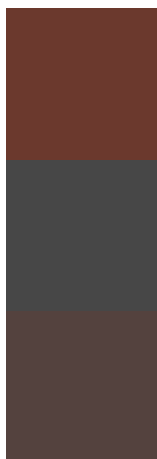
Deuteranomaly

70.6900, -13.1582, 20.4429

Tritanomaly

71.3200, -8.5388, 32.1684

Monochromacy



Original Color

70.5820, -12.6119, 31.9386

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9260, -4.4005, 11.4659

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5820, -12.6119, 31.9386 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(107, 57, 45)` looks like.

```
.text, #text, p{  
    color:rgb(107, 57, 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(107, 57, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 57, 45) }
```

Border

The CSS property to change the border of an element to YUV 70.5820, -12.6119, 31.9386 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(107, 57, 45) }
```


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

```
.border{ border-color:rgb(107, 57, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 57, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 57, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 57, 45);  
box-shadow:4px 4px 4px 4px rgb(107, 57,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 70.5820, -12.6119, 31.9386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 57, 45) }
```

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

```
.background{ background-color: rgb(107, 57,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor