

Converting Colors

YUV(70.9120, -26.5786,
31.6492)

Have a look what the booklet for
YUV(70.9120, -26.5786, 31.6492)
contains.

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Color

**YUV(70.9120, -26.5786,
31.6492)**

Conversions

Conversions Part 1

Format	Color
Hex	6B3F11
RGB	107, 63, 17
RGB Percent	42%, 25%, 7%
CMY	0.5804, 0.7529, 0.9333
CMYK	0.00, 0.41, 0.84, 0.58
HSL	31°, 73%, 24%
HSV	31°, 84%, 42%
XYZ	7.9421, 6.7213, 1.4091
YIQ	70.9120, 40.9900, -4.9780

Conversions

Conversions Part 2

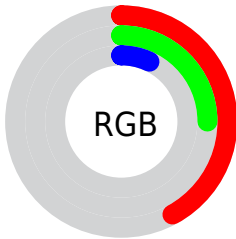
Format	Color
R_{YB}	103, 107, 17
Decimal	7028497
CIE Lab	31.16, 15.30, 34.36
CIE LCh	31, 37.614, 65.998
Yxy	6.7213, 0.4941, 0.4182
Android (android.graphics.Color)	4285218577 (0xFF6B3F11)
YUV	70.9120, -26.5786, 31.6492
Hunter-Lab	25.9254, 9.3128, 14.9254

Details

The YUV color **70.9120, -26.5786, 31.6492** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **53.0880, 26.5786, -31.6492**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.7770, -28.4841, 36.1526**, and **27.8860, -13.7478, 22.9020** is the 20% darker color. If you saturate the color by 10%, you get **66.7230, -29.9364, 35.3229**, and if you desaturate by 10%, it is **75.1010, -23.2208, 27.9754**.

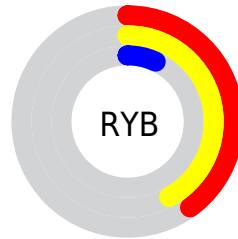
Distribution



Red (42%)

Green (25%)

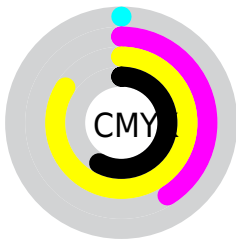
Blue (7%)



Red (40%)

Yellow (42%)

Blue (7%)

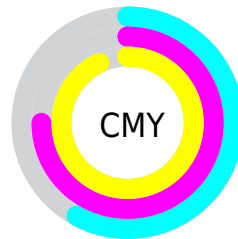


Cyan (0%)

Magenta (41%)

Yellow (84%)

Black (58%)



Cyan (58%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.9120, -26.5786, 31.6492 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 70.9120, -26.5786, 31.6492 by changing the saturation by 10% instead.

70.9120, -26.5786,
31.6492

70.9120, -26.5786,
31.6492

254.3160, -2.6208,
0.5999

48.2860, -23.8050,
28.6902

120.7770,
-28.4841, 36.1526

27.8860, -13.7478,
22.9020

146.8590,
-29.5105, 38.7117

9.5680, -4.7170,
19.6729

174.2290,
-30.6789, 40.1412

0.0000, 0.0000,
0.0000

202.0120,
-31.5579, 42.0855

223.0210,
-28.6044, 28.0456

242.5350,

-24.9138, 10.9318

■ 251.0100,
-15.2879, 3.4992

■ 70.9120, -26.5786,
31.6492

■ 70.9120, -26.5786,
31.6492

■ 66.7230, -29.9364,
35.3229

■ 75.1010, -23.2208,
27.9754

■ 64.2780, -31.6891,
37.4672

■ 79.1760, -20.2998,
24.4016

■ 83.9520, -17.2313,
20.2131

■ 88.1410, -13.8735,
16.5393

■ 92.2160, -10.9525,
12.9656

■ 96.4050, -7.5947,
9.2918

■ 101.1810, -4.5262,
5.1033

■ 105.3700, -1.1684,
1.4295

■ 109.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



71.2740, -15.4181, 45.3637



70.9120, -26.5786, 31.6492



68.9390, -31.0289, 12.3315

Triad

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



70.9120, -26.5786, 31.6492



60.0750, 9.3300, -52.6858



75.2930, 22.5336, 5.8820

Complementary

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



70.9120, -26.5786, 31.6492



53.0880, 26.5786, -31.6492

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.



61.4650, 34.7738, -46.8888



70.9120, -26.5786, 31.6492



63.2670, 21.5604, -55.4852

Square

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



70.9120, -26.5786, 31.6492



55.9540, -3.9213, -49.0717



63.1990, 31.4539, -55.4255



74.3090, 11.6797, 33.9320

Rectangle

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



70.9120, -26.5786, 31.6492



66.8060, -26.0334, -3.3379



63.1990, 31.4539, -55.4255



73.4270, 25.9185, -6.5135

Sweetspot

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



70.9120, -26.5786, 31.6492



126.0310, -10.3683, 12.2508



49.0400, 6.3893, 50.8309



62.7360, -6.2788, 7.2475



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.



70.9120, -26.5786, 31.6492



84.1240, -41.4731, 49.0033



96.7400, -39.3118, 8.9980



51.5550, -1.7526, 2.1443



70.2030, -34.6101, 41.0410



146.6300, -72.2886, 86.2705

Inverse Universe

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



53.0880, 26.5786, -31.6492



56.4630, 41.1837, -49.5181



27.2600, 39.3118, -8.9980



50.4450, 1.7526, -2.1443



46.7970, 34.6101, -41.0410



98.3700, 72.2886, -86.2705

Previews

White Background



This preview shows how the YUV color 70.9120, -26.5786, 31.6492 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 70.9120, -26.5786, 31.6492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

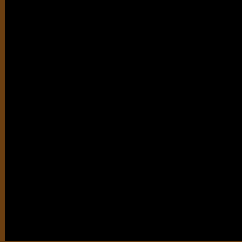
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.9120, -26.5786, 31.6492

Background



This preview shows how black text looks on a background with the YUV color 70.9120, -26.5786, 31.6492.



This preview shows how white text looks on a background with the YUV color 70.9120, -26.5786,

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

70.9120, -26.5786, 31.6492

Protanopia

70.5350, -24.9138, 10.9318

Deuteranopia

70.3790, -28.2878, 19.8386



Tritanopia

74.4060, -5.6232, 30.3389

Trichromacy



Original Color

70.9120, -26.5786, 31.6492

Protanomaly

70.7640, -25.5197, 18.6240

Deuteranomaly

70.2270, -27.7199, 24.3569

Tritanomaly

72.7560, -13.1907, 30.9090

Monochromacy



Original Color

70.9120, -26.5786, 31.6492

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8460, -9.7841, 11.5361

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9120, -26.5786, 31.6492 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, 63, 17)` looks like.

```
.text, #text, p{  
    color:rgb(107, 63, 17)  
}
```

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, 63, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 63, 17) }
```

Border

The CSS property to change the border of an element to YUV 70.9120, -26.5786, 31.6492 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, 63, 17) }
```


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

```
.border{ border-color:rgb(107, 63, 17) }
```

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

Here you see how a box with a 4 pixel rgb(107, 63, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 63, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 63, 17);  
box-shadow:4px 4px 4px 4px rgb(107, 63,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 70.9120, -26.5786, 31.6492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 63, 17) }
```

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

```
.background{ background-color: rgb(107, 63,  
17) }
```

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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