

Converting Colors

YUV(53.7110, -11.6895,
16.0395)

Have a look what the booklet for
YUV(53.7110, -11.6895, 16.0395)
contains.

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Color

**YUV(53.7110, -11.6895,
16.0395)**

Conversions

Conversions Part 1

Format	Color
Hex	48311E
RGB	72, 49, 30
RGB Percent	28%, 19%, 12%
CMY	0.7176, 0.8078, 0.8824
CMYK	0.00, 0.32, 0.58, 0.72
HSL	27°, 41%, 20%
HSV	27°, 58%, 28%
XYZ	4.0051, 3.6681, 1.7252
YIQ	53.7110, 19.8070, -1.0330

Conversions

Conversions Part 2

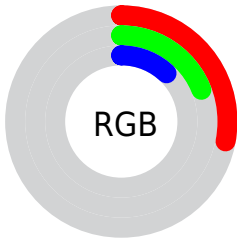
Format	Color
RYB	72, 65, 30
Decimal	4731166
CIELab	22.54, 7.86, 16.22
CIElCh	23, 18.024, 64.140
Yxy	3.6681, 0.4261, 0.3903
Android (android.graphics.Color)	4282921246 (0xFF48311E)
YUV	53.7110, -11.6895, 16.0395
Hunter-Lab	19.1522, 3.8118, 8.0658

Details

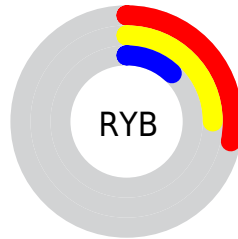
The YUV color **53.7110, -11.6895, 16.0395** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **48.2890, 11.6895, -16.0395**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.6790, -13.1527, 18.6985**, and **9.5350, -4.7008, 14.4398** is the 20% darker color. If you saturate the color by 10%, you get **50.5650, -13.5895, 18.7985**, and if you desaturate by 10%, it is **56.8570, -9.7895, 13.2804**.

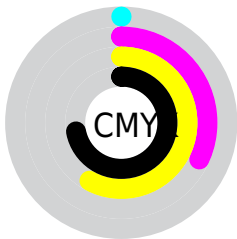
Distribution



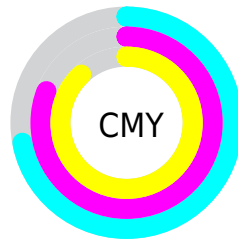
- Red (28%)
- Green (19%)
- Blue (12%)



- Red (28%)
- Yellow (25%)
- Blue (12%)



- Cyan (0%)
- Magenta (32%)
- Yellow (58%)
- Black (72%)



- Cyan (72%)
- Magenta (81%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.7110, -11.6895, 16.0395 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 53.7110, -11.6895, 16.0395 by changing the saturation by 10% instead.

■ 53.7110, -11.6895,
16.0395

■ 53.7110, -11.6895,
16.0395

■ 255.0000, 0.0000,
0.0000

■ 31.7710, -12.7051,
15.1098

■ 100.6790,
-13.1527, 18.6985

■ 9.5350, -4.7008,
14.4398

■ 126.1630,
-13.8844, 20.0280

■ 0.0000, 0.0000,
0.0000

■ 152.3480,
-14.4686, 20.7428

■ 178.6470,
-14.6160, 21.3576

■ 206.1310,
-15.3476, 22.6871

■ 232.6360,

-14.6105, 19.6132

■ 252.2640,
-10.4832, 2.3995

■ 53.7110, -11.6895,
16.0395

■ 53.7110, -11.6895,
16.0395

■ 50.5650, -13.5895,
18.7985

■ 56.8570, -9.7895,
13.2804

■ 47.4190, -15.4896,
21.5575

■ 60.0030, -7.8895,
10.5214

■ 44.1590, -17.8264,
24.4166

■ 63.2630, -5.5527,
7.6623

■ 41.0130, -19.7264,
27.1756

■ 66.4090, -3.6526,
4.9033

■ 40.8990, -20.1632,
27.2756

■ 69.5550, -1.7526,
2.1443

■ 72.7010, 0.1474,
-0.6148

■ 75.8470, 2.0474,
-3.3738

■ 79.1070, 4.3842,
-6.2328

■ 81.6660, 6.5737,
-8.4771

Harmonies

Analogous

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



54.5960, -7.1958, 21.4023



53.7110, -11.6895, 16.0395



53.0150, -12.8254, 7.0028

Triad

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



53.7110, -11.6895, 16.0395



44.7680, 5.0444, -31.3685



55.3560, 10.1775, 2.3188

Complementary

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



53.7110, -11.6895, 16.0395



48.2890, 11.6895, -16.0395

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.



52.4680, 13.5733, -13.5654



53.7110, -11.6895, 16.0395



42.9720, 12.3388, -37.6864

Square

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



53.7110, -11.6895, 16.0395



48.9780, -3.4402, -16.6437



45.9280, 15.8115, -31.5089



55.4670, 5.1928, 14.4994

Rectangle

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



53.7110, -11.6895, 16.0395



51.7260, -11.2039, 0.2403



45.9280, 15.8115, -31.5089



54.0780, 11.7935, -2.6994

Sweetspot

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



53.7110, -11.6895, 16.0395



86.7790, -4.8210, 6.3328



45.1800, 3.8553, 23.5211



43.9250, -2.9210, 3.5738



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



53.7110, -11.6895, 16.0395



65.3440, -18.4106, 25.1313



66.0380, -17.7667, 5.2287



34.3700, -1.1684, 1.4295



56.0160, -27.6159, 37.6970



128.3340, -63.2687, 86.5301

Inverse Universe

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



48.2890, 11.6895, -16.0395



56.6560, 18.4106, -25.1313



35.9620, 17.7667, -5.2287



33.6300, 1.1684, -1.4295



42.9840, 27.6159, -37.6970



98.6660, 63.2687, -86.5301

Previews

White Background



This preview shows how the YUV color 53.7110, -11.6895, 16.0395 looks on a white background.

Color Contrast Check

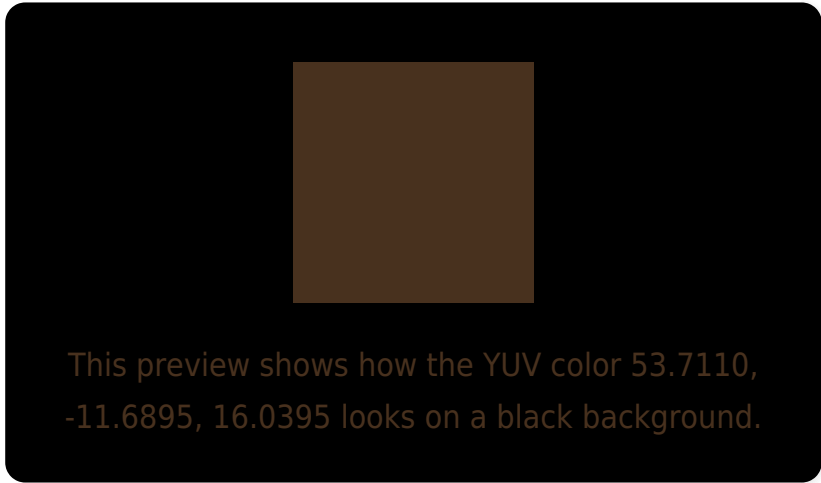
Large Text (above 18pt) WCAG AA ✓ Pass

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

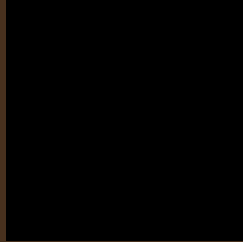
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.7110, -11.6895, 16.0395

Background



This preview shows how black text looks on a background with the YUV color 53.7110, -11.6895, 16.0395.

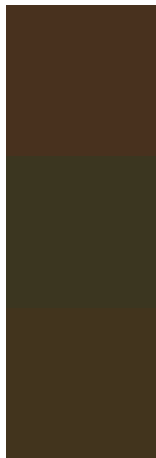


This preview shows how white text looks on a background with the YUV color 53.7110, -11.6895,

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

53.7110, -11.6895, 16.0395

Protanopia

52.9870, -10.3466, 5.2734

Deuteranopia

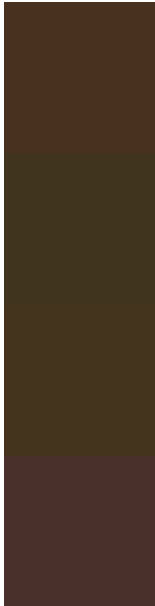
53.5640, -12.1101, 10.9064



Tritanopia

55.1160, -2.5222, 15.6843

Trichromacy



Original Color

53.7110, -11.6895, 16.0395

Protanomaly

53.1940, -10.9416, 9.4769

Deuteranomaly

53.5750, -12.1155, 12.6507

Tritanomaly

54.9050, -5.8692, 15.8693

Monochromacy



Original Color

53.7110, -11.6895, 16.0395

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8930, -4.3842, 6.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.7110, -11.6895, 16.0395 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(72, 49, 30)` looks like.

```
.text, #text, p{  
    color:rgb(72, 49, 30)  
}
```

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(72, 49, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 49, 30) }
```

Border

The CSS property to change the border of an element to YUV 53.7110, -11.6895, 16.0395 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(72, 49, 30) }
```


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

```
.border{ border-color:rgb(72, 49, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 49, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 49, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 49, 30);  
box-shadow:4px 4px 4px 4px rgb(72, 49, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.7110, -11.6895, 16.0395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 49, 30) }
```

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

```
.background{ background-color: rgb(72, 49,  
30) }
```

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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