

Converting Colors

YUV(41.7110, -11.6895,
16.0395)

Have a look what the booklet for
YUV(41.7110, -11.6895, 16.0395)
contains.

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Color

**YUV(41.7110, -11.6895,
16.0395)**

Conversions

Conversions Part 1

Format	Color
Hex	3C2512
RGB	60, 37, 18
RGB Percent	24%, 15%, 7%
CMY	0.7647, 0.8549, 0.9294
CMYK	0.00, 0.38, 0.70, 0.76
HSL	27°, 54%, 15%
HSV	27°, 70%, 24%
XYZ	2.6342, 2.3275, 0.8827
YIQ	41.7110, 19.8070, -1.0330

Conversions

Conversions Part 2

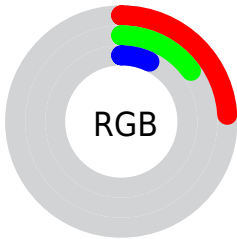
Format	Color
R_{YB}	60, 53, 18
Decimal	3941650
CIE Lab	17.12, 8.56, 16.89
CIE LCh	17, 18.934, 63.138
Yxy	2.3275, 0.4507, 0.3982
Android (android.graphics.Color)	4282131730 (0xFF3C2512)
YUV	41.7110, -11.6895, 16.0395
Hunter-Lab	15.2560, 4.1232, 7.2489

Details

The YUV color **41.7110, -11.6895, 16.0395** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36.2890, 11.6895, -16.0395**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.6790, -13.1527, 18.6985**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.2660, -13.4421, 18.1837**, and if you desaturate by 10%, it is **44.1560, -9.9369, 13.8952**.

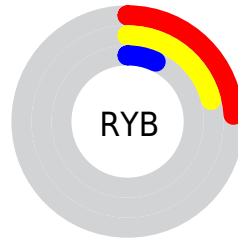
Distribution



 Red (24%)

 Green (15%)

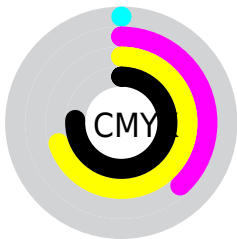
 Blue (7%)



 Red (24%)

 Yellow (21%)

 Blue (7%)

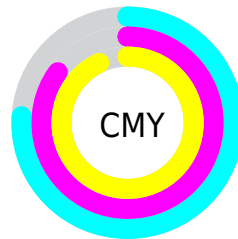


 Cyan (0%)


 Magenta (38%)

 Yellow (70%)

 Black (76%)



 Cyan (76%)

 Magenta (85%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.7110, -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 41.7110, -11.6895, 16.0395 by changing the saturation by 10% instead.

■ 41.7110, -11.6895,
16.0395

■ 41.7110, -11.6895,
16.0395

■ 253.6320, -5.2416,
1.1997

■ 21.3410, -10.5211,
14.6099

■ 87.6790, -13.1527,
18.6985

■ 0.0000, 0.0000,
0.0000

■ 112.1630,
-13.8844, 20.0280

■ 137.6470,
-14.6160, 21.3576

■ 164.2450,
-14.9108, 22.5871

■ 191.4300,
-15.4950, 23.3019

■ 219.6150,

-16.0792, 24.0166

■ 241.5210,
-13.5679, 11.8211

■ 41.7110, -11.6895,
16.0395

■ 41.7110, -11.6895,
16.0395

■ 39.2660, -13.4421,
18.1837

■ 44.1560, -9.9369,
13.8952

■ 36.2340, -14.9054,
20.8428

■ 47.1880, -8.4737,
11.2361

■ 33.7890, -16.6580,
22.9870

■ 49.6330, -6.7211,
9.0919

■ 52.0780, -4.9685,
6.9476

■ 54.5230, -3.2158,
4.8033

■ 57.5550, -1.7526,
2.1443

■ 60.0000, 0.0000,
0.0000

■ 62.4450, 1.7526,
-2.1443

■ 65.4770, 3.2158,
-4.8033

Harmonies

Analogous

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



42.5960, -7.1958, 21.4023



41.7110, -11.6895, 16.0395



40.9010, -13.2622, 7.1028

Triad

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



41.7110, -11.6895, 16.0395



33.6650, 4.6022, -29.5242



43.1710, 10.7617, 1.6040

Complementary

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



41.7110, -11.6895, 16.0395



36.2890, 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.



39.3860, 14.5997, -16.1245



41.7110, -11.6895, 16.0395



35.2610, 10.7173, -30.9239

Square

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



41.7110, -11.6895, 16.0395



36.5650, -3.7295, -17.1585



35.1130, 15.2273, -30.7941



43.5810, 5.6296, 14.3995

Rectangle

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



41.7110, -11.6895, 16.0395



40.1990, -11.9301, -0.1745



35.1130, 15.2273, -30.7941



42.4800, 12.0884, -3.9290

Sweetspot

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



41.7110, -11.6895, 16.0395



71.7790, -4.8210, 6.3328



33.1800, 3.8553, 23.5211



36.3380, -2.6316, 4.0886



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



41.7110, -11.6895, 16.0395



50.3440, -18.4106, 25.1313



54.0380, -17.7667, 5.2287



29.4840, -0.7316, 1.3295



53.3470, -26.3001, 35.6527



125.0780, -61.6635, 85.0006

Inverse Universe

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



36.2890, 11.6895, -16.0395



41.6560, 18.4106, -25.1313



23.9620, 17.7667, -5.2287



28.9290, 1.0210, -0.8147



41.2400, 26.0107, -36.1675



96.3350, 61.9528, -84.4858

Previews

White Background



This preview shows how the YUV color 41.7110, -11.6895, 16.0395 looks on a white background.

Color Contrast Check

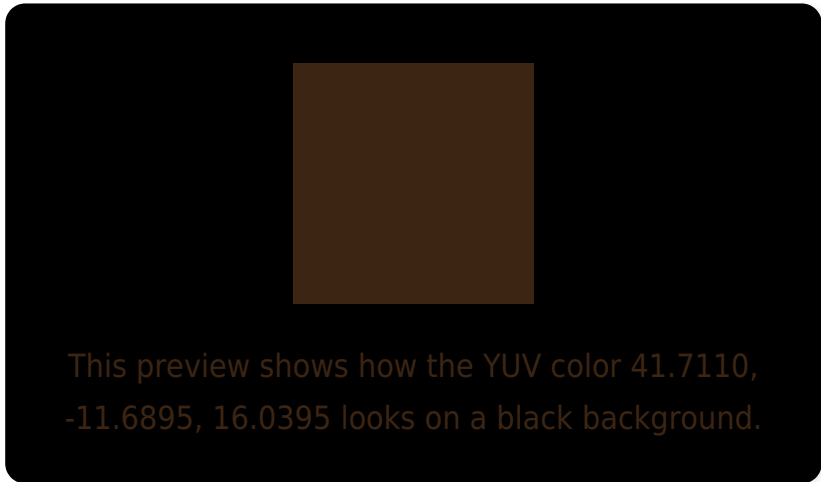
Large Text (above 18pt) WCAG AA ✓ Pass

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

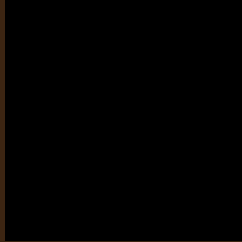
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.7110, -11.6895, 16.0395

Background



This preview shows how black text looks on a background with the YUV color 41.7110, -11.6895, 16.0395.

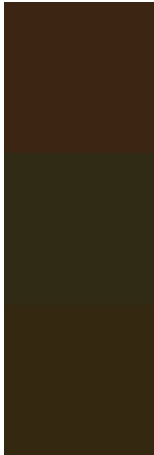


This preview shows how white text looks on a background with the YUV color 41.7110, -11.6895,

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

41.7110, -11.6895, 16.0395

Protanopia

41.5740, -10.6360, 4.7586

Deuteranopia

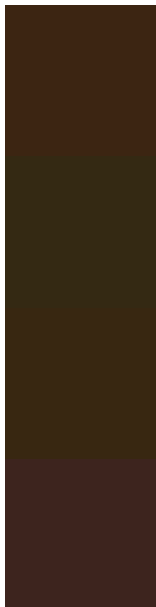
41.2650, -11.9626, 10.2916



Tritanopia

43.0020, -2.9590, 15.7842

Trichromacy



Original Color

41.7110, -11.6895, 16.0395

Protanomaly

41.7810, -11.2310, 8.9621

Deuteranomaly

41.5750, -12.1155, 12.6507

Tritanomaly

42.7910, -6.3060, 15.9693

Monochromacy



Original Color

41.7110, -11.6895, 16.0395

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.8930, -4.3842, 6.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.7110, -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(60, 37, 18)` looks like.

```
.text, #text, p{  
    color:rgb(60, 37, 18)  
}
```

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(60, 37, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 37, 18) }
```

Border

The CSS property to change the border of an element to YUV 41.7110, -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(60, 37, 18) }
```


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

```
.border{ border-color:rgb(60, 37, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 37, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 37, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 37, 18);  
box-shadow:4px 4px 4px 4px rgb(60, 37, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.7110, -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(60, 37, 18) }
```

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

```
.background{ background-color: rgb(60, 37,  
18) }
```

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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