

Converting Colors

YUV(36.7030, 4.0904, 41.4795)

Have a look what the booklet for
YUV(36.7030, 4.0904, 41.4795)
contains.

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Color

**YUV(36.7030, 4.0904,
41.4795)**

Conversions

Conversions Part 1

Format	Color
Hex	540B2D
RGB	84, 11, 45
RGB Percent	33%, 4%, 18%
CMY	0.6706, 0.9569, 0.8235
CMYK	0.00, 0.87, 0.46, 0.67
HSL	332°, 77%, 19%
HSV	332°, 87%, 33%
XYZ	4.2495, 2.3136, 2.7052
YIQ	36.7030, 32.5940, 26.0500

Conversions

Conversions Part 2

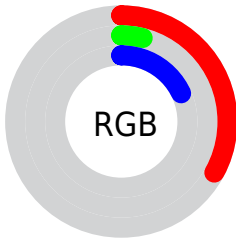
Format	Color
R_{YB}	84, 11, 45
Decimal	5507885
CIE _{Lab}	17.05, 34.99, -1.37
CIE _{LCh}	17, 35.014, 357.758
Yxy	2.3136, 0.4585, 0.2496
Android (android.graphics.Color)	4283697965 (0xFF540B2D)
YUV	36.7030, 4.0904, 41.4795
Hunter-Lab	15.2106, 23.2501, 0.1026

Details

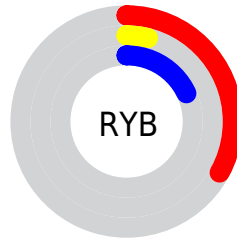
The YUV color **36.7030, 4.0904, 41.4795** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **58.2970, -4.0904, -41.4795**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.6170, 1.1748, 43.3089**, and **10.8780, -4.8699, 22.0320** is the 20% darker color. If you saturate the color by 10%, you get **31.5510, 4.6584, 45.9978**, and if you desaturate by 10%, it is **41.8550, 3.5225, 36.9612**.

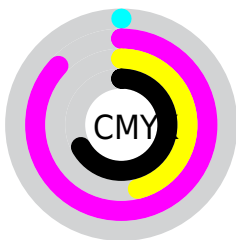
Distribution



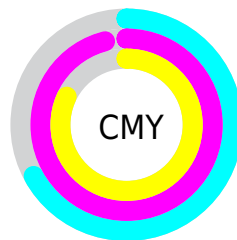
- Red (33%)
- Green (4%)
- Blue (18%)



- Red (33%)
- Yellow (4%)
- Blue (18%)



- Cyan (0%)
- Magenta (87%)
- Yellow (46%)
- Black (67%)





- Cyan (67%)
- Magenta (96%)
- Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the YUV color 36.7030, 4.0904, 41.4795 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 36.7030, 4.0904, 41.4795 by changing the saturation by 10% instead.


 36.7030, 4.0904,
41.4795


 36.7030, 4.0904,
41.4795

 252.6520, 1.1576,
2.0592


 20.4910, 2.2229,
33.7724

 87.6170, 1.1748,
43.3089

 10.8780, -4.8699,
22.0320

 113.5140, 0.7326,
45.1532

 0.0000, 0.0000,
0.0000

 139.9980, 0.0010,
46.4828


 166.7100, 0.1430,
47.6123

 194.6070, -0.2993,
49.4567


 215.4310, 3.2385,

34.7020


 235.0590, 7.3659,
17.4883


 36.7030, 4.0904,
41.4795

 36.7030, 4.0904,
41.4795


 31.5510, 4.6584,
45.9978

 41.8550, 3.5225,
36.9612

 29.5620, 4.6529,
47.7421

 47.7080, 3.1020,
31.8281

 52.8600, 2.5340,
27.3098

 58.7130, 2.1135,
22.1767

 63.8650, 1.5456,
17.6584

■ 69.1310, 1.4144,
13.0401

■ 74.8700, 0.5571,
8.0070

■ 80.1360, 0.4260,
3.3887

■ 85.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



42.2970, 13.1646, 24.2955



36.7030, 4.0904, 41.4795



36.7880, -8.2765, 41.4049

Triad

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



36.7030, 4.0904, 41.4795



36.8580, -18.1710, -5.1375



39.5130, 21.9321, -34.6529

Complementary

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



36.7030, 4.0904, 41.4795



58.2970, -4.0904, -41.4795

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.



38.5210, 13.0541, -33.7829



36.7030, 4.0904, 41.4795



31.3050, -9.5174, -27.4545

Square

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



36.7030, 4.0904, 41.4795



39.9250, -19.6830, 13.2208



35.5570, 1.6974, -31.1835



37.6040, 27.3102, -32.9787

Rectangle

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



36.7030, 4.0904, 41.4795



37.9970, -18.7325, 35.0826



35.5570, 1.6974, -31.1835



39.5300, 19.4587, -34.6678

Sweetspot

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



36.7030, 4.0904, 41.4795



91.1530, 1.4036, 16.5288



30.9830, 26.1374, 16.6779



44.9950, 0.9885, 9.6514



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



36.7030, 4.0904, 41.4795



38.7040, 6.0619, 62.5266



34.0010, -11.3395, 43.8491



38.4240, 0.2840, 2.2592



36.9810, 5.9254, 59.6527



81.6800, 12.9758, 131.8306

Inverse Universe

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



36.7030, 4.0904, 41.4795



38.7040, 6.0619, 62.5266



60.9990, 11.3395, -43.8491



38.4240, 0.2840, 2.2592



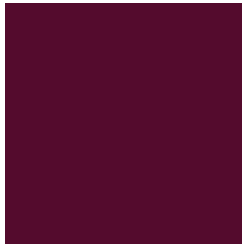
36.9810, 5.9254, 59.6527



81.6800, 12.9758, 131.8306

Previews

White Background



This preview shows how the YUV color 36.7030, 4.0904, 41.4795 looks on a white background.

Color Contrast Check

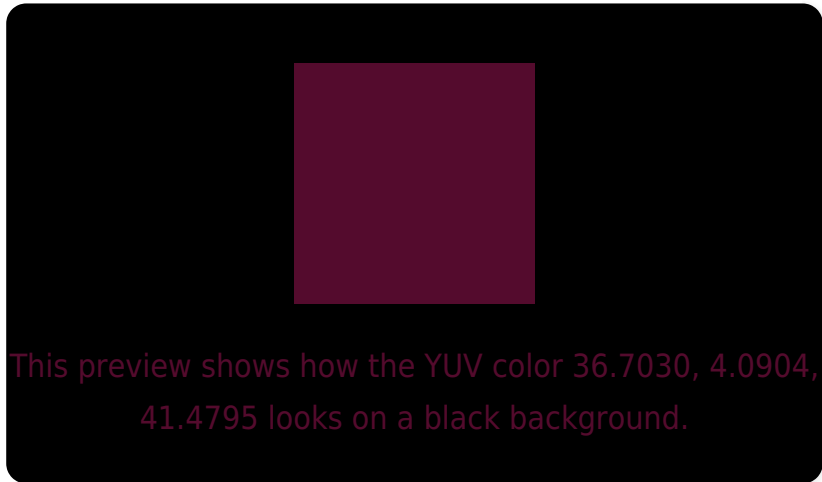
Large Text (above 18pt) WCAG AA ✓ Pass

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

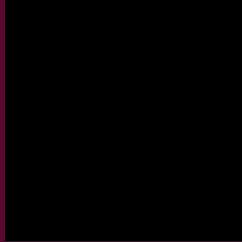
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.7030, 4.0904, 41.4795

Background



This preview shows how black text looks on a background with the YUV color 36.7030, 4.0904, 41.4795.



This preview shows how white text looks on a background with the YUV color 36.7030, 4.0904,

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

36.7030, 4.0904, 41.4795

Protanopia

44.6710, 9.0362, -4.9735

Deuteranopia

44.9790, -1.4686, 4.4034



Tritanopia

38.9510, -8.8498, 38.6310

Trichromacy



Original Color

36.7030, 4.0904, 41.4795

Protanomaly

41.6130, 7.0928, 11.7404

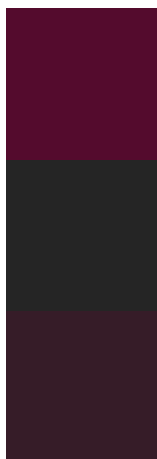
Deuteranomaly

41.6370, 0.6720, 17.8584

Tritanomaly

38.2160, -4.0505, 39.2756

Monochromacy



Original Color

36.7030, 4.0904, 41.4795

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.1420, 1.4090, 14.7845

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.7030, 4.0904, 41.4795 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(84, 11, 45)` looks like.

```
.text, #text, p{  
    color:rgb(84, 11, 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(84, 11, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 11, 45) }
```

Border

The CSS property to change the border of an element to YUV 36.7030, 4.0904, 41.4795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

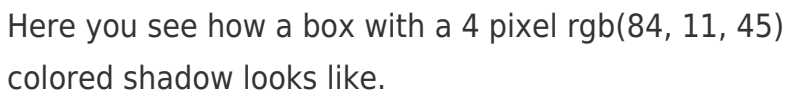
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(84, 11, 45) }
```


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

```
.border{ border-color:rgb(84, 11, 45) }
```

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



Here you see how a box with a 4 pixel `rgb(84, 11, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 11, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 11, 45);  
box-shadow:4px 4px 4px 4px rgb(84, 11, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.7030, 4.0904, 41.4795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 11, 45) }
```

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

```
.background{ background-color: rgb(84, 11,  
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](#).

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