

Converting Colors

YUV(53.7030, -12.6716,
51.1265)

Have a look what the booklet for
YUV(53.7030, -12.6716, 51.1265)
contains.

YUV(53.7030, -12.6716, 51.1265)	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(53.7030, -12.6716,
51.1265)**

Conversions

Conversions Part 1

Format	Color
Hex	701D1C
RGB	112, 29, 28
RGB Percent	44%, 11%, 11%
CMY	0.5608, 0.8863, 0.8902
CMYK	0.00, 0.74, 0.75, 0.56
HSL	1°, 60%, 27%
HSV	1°, 75%, 44%
XYZ	7.3311, 4.4073, 1.5629
YIQ	53.7030, 49.7890, 17.2850

Conversions

Conversions Part 2

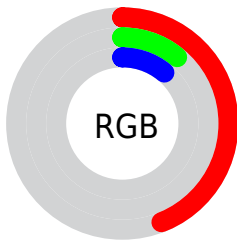
Format	Color
RYB	112, 29, 28
Decimal	7347484
CIELab	24.97, 36.22, 22.04
CIElCh	25, 42.400, 31.320
Yxy	4.4073, 0.5512, 0.3313
Android (android.graphics.Color)	4285537564 (0xFF701D1C)
YUV	53.7030, -12.6716, 51.1265
Hunter-Lab	20.9936, 25.5942, 10.2815

Details

The YUV color **53.7030, -12.6716, 51.1265** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **86.2970, 12.6716, -51.1265**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.1120, -16.3242, 56.0298**, and **17.0430, -8.4022, 35.0423** is the 20% darker color. If you saturate the color by 10%, you get **45.9920, -14.2931, 57.8890**, and if you desaturate by 10%, it is **61.4140, -11.0501, 44.3639**.

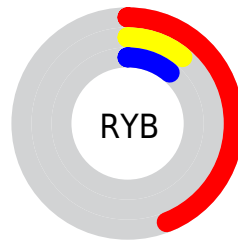
Distribution



Red (44%)

Green (11%)

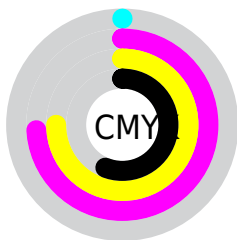
Blue (11%)



Red (44%)

Yellow (11%)

Blue (11%)

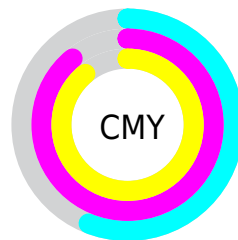


Cyan (0%)

Magenta (74%)

Yellow (75%)

Black (56%)



Cyan (56%)

Magenta (89%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.7030, -12.6716, 51.1265 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 53.7030, -12.6716, 51.1265 by changing the saturation by 10% instead.

■ 53.7030, -12.6716,
51.1265

■ 53.7030, -12.6716,
51.1265

255.0000, 0.0000,
0.0000

■ 25.7570, -11.2192,
51.9561

■ 105.1120,
-16.3242, 56.0298

■ 17.0430, -8.4022,
35.0423

■ 131.6670,
-18.0768, 58.1740

■ 8.4860, -3.6906,
17.1138

■ 158.7490,
-19.1033, 60.7331

■ 0.0000, 0.0000,
0.0000

■ 185.6350,
-19.5401, 60.8331

■ 204.5620,
-15.5601, 44.2341

■ 224.0760,

-11.8695, 27.1203

244.2910, -8.0315,
9.3918

53.7030, -12.6716,
51.1265

53.7030, -12.6716,
51.1265

45.9920, -14.2931,
57.8890

61.4140, -11.0501,
44.3639

38.2810, -15.9145,
64.6516

69.1250, -9.4286,
37.6014

34.0750, -16.7990,
68.3402

76.9500, -7.3704,
30.7388

84.6610, -5.7489,
23.9763

92.3720, -4.1274,
17.2138

■ 100.0830, -2.5059,
10.4512

■ 107.7940, -0.8844,
3.6887

■ 116.2060, 0.8844,
-3.6887

■ 123.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



52.5520, 3.1789, 53.8899



53.7030, -12.6716, 51.1265



55.4180, -27.3211, 36.4674

Triad

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



53.7030, -12.6716, 51.1265



44.6410, -9.1900, -39.1502



51.1170, 35.9313, -44.8296

Complementary

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



53.7030, -12.6716, 51.1265



86.2970, 12.6716, -51.1265

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.



54.3140, 30.4112, -47.6334



53.7030, -12.6716, 51.1265



49.6910, 5.0823, -43.5790

Square

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



53.7030, -12.6716, 51.1265



51.2890, -25.2855, -9.9005



53.3390, 19.0599, -46.7783



59.8020, 27.2126, -1.5804

Rectangle

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



53.7030, -12.6716, 51.1265



56.5040, -27.8565, 21.4830



53.3390, 19.0599, -46.7783



52.7640, 34.6263, -46.2740

Sweetspot

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



53.7030, -12.6716, 51.1265



121.8670, -4.8644, 20.2876



62.6920, 24.3088, 43.2431



59.2790, -3.0955, 12.9103



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



53.7030, -12.6716, 51.1265



54.4570, -19.4523, 79.4062



77.7700, -24.5366, 30.0197



52.3810, -1.1738, 3.1739



36.4670, -17.9782, 73.2584



75.6140, -37.2777, 150.3055

Inverse Universe

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



86.2970, 12.6716, -51.1265



105.5430, 19.4523, -79.4062



62.2300, 24.5366, -30.0197



54.2060, 0.8844, -3.6887



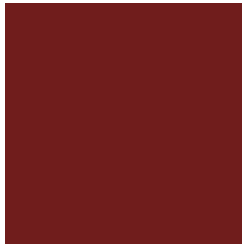
82.9460, 18.2676, -72.7436



171.3860, 37.2777, -150.3055

Previews

White Background



This preview shows how the YUV color 53.7030, -12.6716, 51.1265 looks on a white background.

Color Contrast Check

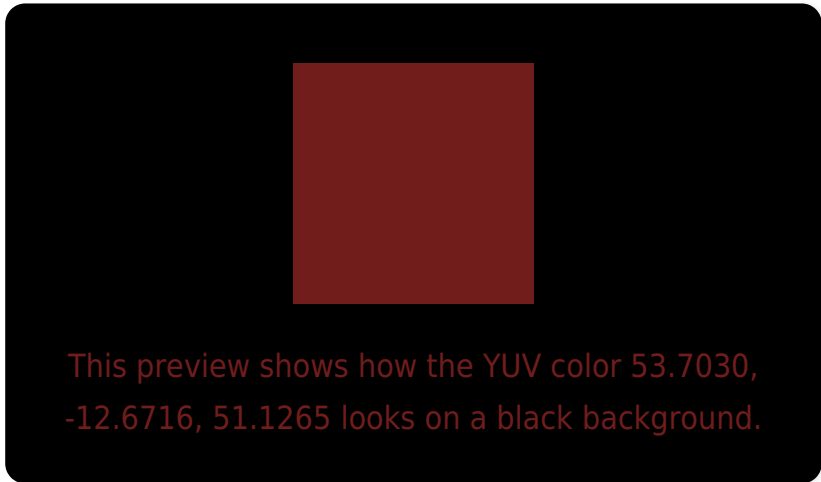
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.7030, -12.6716, 51.1265

Background



This preview shows how black text looks on a background with the YUV color 53.7030, -12.6716, 51.1265.

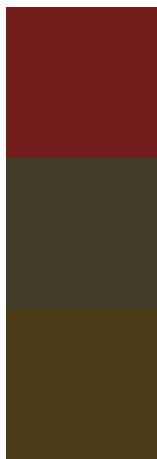


This preview shows how white text looks on a background with the YUV color 53.7030, -12.6716,

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

53.7030, -12.6716, 51.1265

Protanopia

59.8730, -10.7834, 5.3734

Deuteranopia

59.2780, -18.3781, 14.6652



Tritanopia

53.9310, -11.7980, 50.9265

Trichromacy



Original Color

53.7030, -12.6716, 51.1265

Protanomaly

57.4560, -11.5638, 22.4021

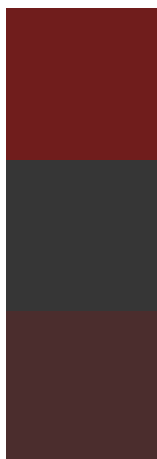
Deuteranomaly

56.9360, -16.2374, 28.1201

Tritanomaly

53.8170, -12.2348, 51.0265

Monochromacy



Original Color

53.7030, -12.6716, 51.1265

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.9700, -4.4222, 18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.7030, -12.6716, 51.1265 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(112, 29, 28)` looks like.

```
.text, #text, p{  
    color:rgb(112, 29, 28)  
}
```

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(112, 29, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 29, 28) }
```

Border

The CSS property to change the border of an element to YUV 53.7030, -12.6716, 51.1265 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(112, 29, 28) }
```


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

```
.border{ border-color:rgb(112, 29, 28) }
```

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

Here you see how a box with a 4 pixel rgb(112, 29, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 29, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 29, 28);  
box-shadow:4px 4px 4px 4px rgb(112, 29,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 53.7030, -12.6716, 51.1265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 29, 28) }
```

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

```
.background{ background-color: rgb(112, 29,  
28) }
```

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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