

Converting Colors

YUV(37.7620, -12.2077,
42.3047)

Have a look what the booklet for
YUV(37.7620, -12.2077, 42.3047)
contains.

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Color

**YUV(37.7620, -12.2077,
42.3047)**

Conversions

Conversions Part 1

Format	Color
Hex	56120D
RGB	86, 18, 13
RGB Percent	34%, 7%, 5%
CMY	0.6627, 0.9294, 0.9490
CMYK	0.00, 0.79, 0.85, 0.66
HSL	4°, 74%, 19%
HSV	4°, 85%, 34%
XYZ	4.1267, 2.4401, 0.6343
YIQ	37.7620, 42.1330, 12.8610

Conversions

Conversions Part 2

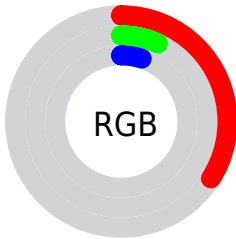
Format	Color
RYB	86, 18, 13
Decimal	5640717
CIELab	17.65, 30.71, 21.35
CIELCh	18, 37.404, 34.808
Yxy	2.4401, 0.5731, 0.3389
Android (android.graphics.Color)	4283830797 (0xFF56120D)
YUV	37.7620, -12.2077, 42.3047
Hunter-Lab	15.6208, 19.8196, 8.5272

Details

The YUV color **37.7620, -12.2077, 42.3047** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **61.2380, 12.2077, -42.3047**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.2850, -15.4235, 47.1081**, and **10.2800, -4.5750, 20.8024** is the 20% darker color. If you saturate the color by 10%, you get **32.0400, -13.8237, 47.3229**, and if you desaturate by 10%, it is **43.4840, -10.5916, 37.2865**.

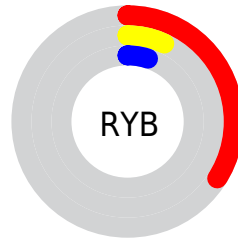
Distribution



Red (34%)

Green (7%)

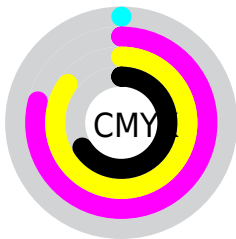
Blue (5%)



Red (34%)

Yellow (7%)

Blue (5%)

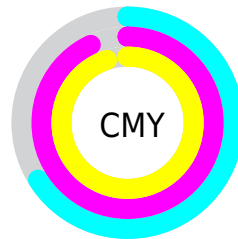


Cyan (0%)

Magenta (79%)

Yellow (85%)

Black (66%)



Cyan (66%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.7620, -12.2077, 42.3047 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 37.7620, -12.2077, 42.3047 by changing the saturation by 10% instead.

■ 37.7620, -12.2077,
42.3047

■ 37.7620, -12.2077,
42.3047

■ 252.3610, -7.5730,
2.3144

■ 17.9400, -8.8444,
36.8866

■ 87.2850, -15.4235,
47.1081

■ 10.2800, -4.5750,
20.8024

■ 112.9540,
-16.7393, 49.1523

■ 0.0000, 0.0000,
0.0000

■ 139.0360,
-17.7657, 51.7114


■ 166.1180,
-18.7922, 54.2705


■ 193.0040,
-19.2290, 54.3705


■ 212.5180,


-15.5384, 37.2567


 232.0320,
-11.8478, 20.1429


 37.7620, -12.2077,
42.3047


 37.7620, -12.2077,
42.3047


 32.0400, -13.8237,
47.3229


 43.4840, -10.5916,
37.2865

 29.2360, -14.4133,
49.7820

 49.0920, -9.4124,
32.3683

 54.8140, -7.7963,
27.3501

 60.4220, -6.6170,
22.4319

 66.1440, -5.0010,
17.4137

■ 71.8660, -3.3849,
12.3955

■ 77.4740, -2.2057,
7.4773

■ 83.1960, -0.5896,
2.4591

■ 88.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



35.2800, 2.3270, 47.1124



37.7620, -12.2077, 42.3047



40.8990, -20.1632, 27.2756

Triad

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



37.7620, -12.2077, 42.3047



33.2770, -7.0386, -29.1839



37.5870, 29.7836, -32.9638

Complementary

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



37.7620, -12.2077, 42.3047



61.2380, 12.2077, -42.3047

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.



41.0120, 25.1371, -35.9675



37.7620, -12.2077, 42.3047



37.6430, 4.6130, -33.0129

Square

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



37.7620, -12.2077, 42.3047



36.5260, -18.0073, -10.9853



40.7210, 16.4065, -35.7123



44.0430, 21.6708, 2.5933

Rectangle

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



37.7620, -12.2077, 42.3047



41.1210, -20.2727, 15.6799



40.7210, 16.4065, -35.7123



39.2340, 28.4786, -34.4082

Sweetspot

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



37.7620, -12.2077, 42.3047



93.5460, -4.7062, 16.1842



42.5790, 18.9416, 38.0802



44.6700, -2.7953, 9.9364



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.



37.7620, -12.2077, 42.3047



38.1840, -18.8247, 64.7366



58.8940, -22.6257, 23.7720



40.1960, -0.5896, 2.4591



36.1020, -17.7983, 62.1775



79.6570, -39.2709, 136.2358

Inverse Universe

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



61.2380, 12.2077, -42.3047



74.4030, 18.5353, -65.2514



40.1060, 22.6257, -23.7720



41.8040, 0.5896, -2.4591



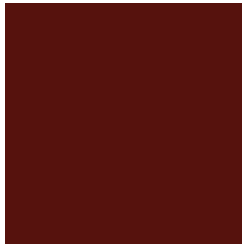
70.8980, 17.7983, -62.1775



155.3430, 39.2709, -136.2358

Previews

White Background



This preview shows how the YUV color 37.7620, -12.2077, 42.3047 looks on a white background.

Color Contrast Check

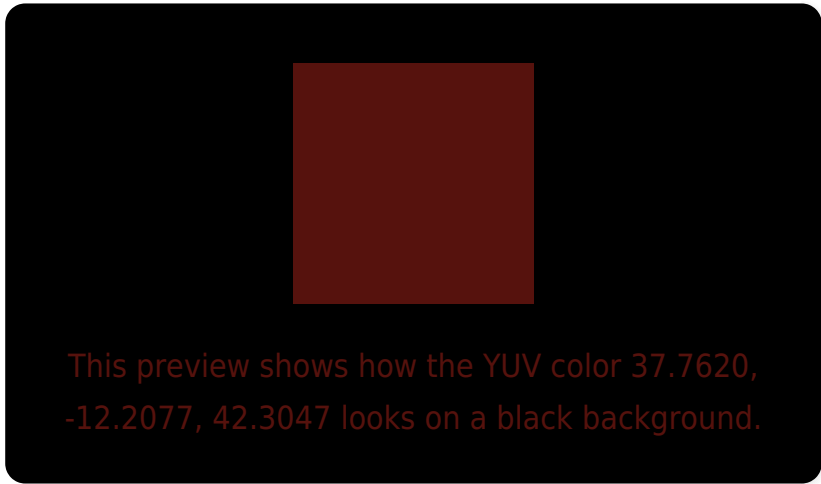
Large Text (above 18pt) WCAG AA ✓ Pass

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

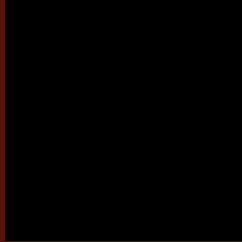
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.7620, -12.2077, 42.3047

Background



This preview shows how black text looks on a background with the YUV color 37.7620, -12.2077, 42.3047.

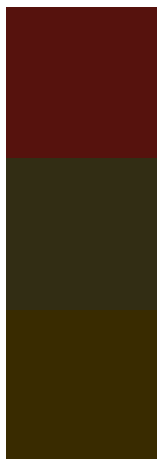


This preview shows how white text looks on a background with the YUV color 37.7620, -12.2077,

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

37.7620, -12.2077, 42.3047

Protanopia

43.6450, -11.6570, 5.5733

Deuteranopia

42.2840, -20.8460, 12.9059



Tritanopia

37.6310, -10.1711, 42.4196

Trichromacy



Original Color

37.7620, -12.2077, 42.3047

Protanomaly

41.3200, -11.9898, 19.0134

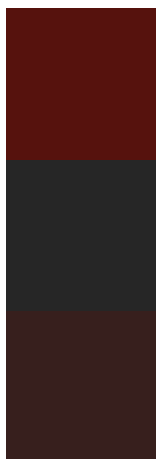
Deuteranomaly

40.8600, -17.6790, 23.8018

Tritanomaly

37.5170, -10.6079, 42.5196

Monochromacy



Original Color

37.7620, -12.2077, 42.3047

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9480, -4.4114, 14.9546

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7620, -12.2077, 42.3047 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(86, 18, 13)` looks like.

```
.text, #text, p{  
    color:rgb(86, 18, 13)  
}
```

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(86, 18, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 18, 13) }
```

Border

The CSS property to change the border of an element to YUV 37.7620, -12.2077, 42.3047 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(86, 18, 13) }
```


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

```
.border{ border-color:rgb(86, 18, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 18, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 18, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 18, 13);  
box-shadow:4px 4px 4px 4px rgb(86, 18, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.7620, -12.2077, 42.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 18, 13) }
```

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

```
.background{ background-color: rgb(86, 18,  
13) }
```

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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