

Converting Colors

YUV(58.3730, -12.5089, -1.2041)

Have a look what the booklet for
YUV(58.3730, -12.5089, -1.2041)
contains.

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Color

**YUV(58.3730, -12.5089,
-1.2041)**

Conversions

Conversions Part 1

Format	Color
Hex	394021
RGB	57, 64, 33
RGB Percent	22%, 25%, 13%
CMY	0.7765, 0.7490, 0.8706
CMYK	0.11, 0.00, 0.48, 0.75
HSL	74°, 32%, 19%
HSV	74°, 48%, 25%
XYZ	3.7953, 4.6465, 2.1357
YIQ	58.3730, 5.7790, -11.1250

Conversions

Conversions Part 2

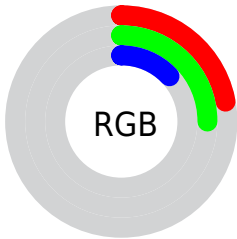
Format	Color
RYB	33, 64, 40
Decimal	3751969
CIELab	25.70, -8.86, 17.96
CIElCh	26, 20.028, 116.240
Yxy	4.6465, 0.3588, 0.4393
Android (android.graphics.Color)	4281942049 (0xFF394021)
YUV	58.3730, -12.5089, -1.2041
Hunter-Lab	21.5556, -6.2943, 9.2147

Details

The YUV color **58.3730, -12.5089, -1.2041** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **38.6270, 12.5089, 1.2041**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.0310, -13.8193, -0.9042**, and **15.6050, -7.6933, -5.7926** is the 20% darker color. If you saturate the color by 10%, you get **57.3900, -14.9823, -1.2190**, and if you desaturate by 10%, it is **59.3560, -10.0355, -1.1892**.

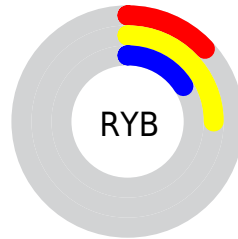
Distribution



Red (22%)

Green (25%)

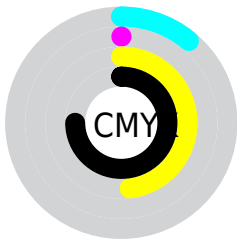
Blue (13%)



Red (13%)

Yellow (25%)

Blue (16%)

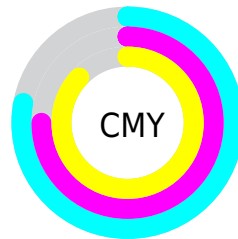


Cyan (11%)

Magenta (0%)

Yellow (48%)

Black (75%)



Cyan (78%)

Magenta (75%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.3730, -12.5089, -1.2041 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 58.3730, -12.5089, -1.2041 by changing the saturation by 10% instead.

■ 58.3730, -12.5089,
-1.2041

■ 58.3730, -12.5089,
-1.2041

255.0000, 0.0000,
0.0000

■ 36.3730, -12.5089,
-1.2041

■ 106.0310,
-13.8193, -0.9042

■ 15.6050, -7.6933,
-5.7926

■ 130.9170,
-14.2561, -0.8042

■ 0.0000, 0.0000,
0.0000

■ 156.8030,
-14.6929, -0.7042

■ 183.6890,
-15.1297, -0.6043

■ 211.5750,
-15.5665, -0.5043

■ 240.4610,

-16.0033, -0.4043

■ 252.8340, -8.2992,
1.8996

■ 58.3730, -12.5089,
-1.2041

■ 58.3730, -12.5089,
-1.2041

■ 57.3900, -14.9823,
-1.2190

■ 59.3560, -10.0355,
-1.1892

■ 55.9940, -17.7450,
-1.7487

■ 60.7520, -7.2727,
-0.6595

■ 55.0110, -20.2184,
-1.7636

■ 61.7350, -4.7994,
-0.6446

■ 53.6150, -22.9812,
-2.2934

■ 63.1310, -2.0366,
-0.1149

■ 52.6320, -25.4546,
-2.3083

■ 64.1140, 0.4368,
-0.1000

■ 52.5180, -25.8914,
-2.2083

■ 65.3960, 2.7628,
0.5297

■ 66.4930, 5.6730,
0.4446

■ 67.7750, 7.9989,
1.0743

■ 68.8720, 10.9091,
0.9893

Harmonies

Analogous

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



59.5810, -14.5834, 10.8915



58.3730, -12.5089, -1.2041



55.8920, -6.3558, -14.8143

Triad

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



58.3730, -12.5089, -1.2041



49.1330, 18.1754, -43.0896



62.2570, 0.3663, 22.5766

Complementary

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



58.3730, -12.5089, -1.2041



38.6270, 12.5089, 1.2041

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.



62.7380, 7.5242, 13.3848



58.3730, -12.5089, -1.2041



57.5210, 16.5051, -20.6279

Square

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



58.3730, -12.5089, -1.2041



48.9390, 12.3551, -42.9195



62.0180, 12.8091, -1.7698



61.7320, -6.7699, 24.7910

Rectangle

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



58.3730, -12.5089, -1.2041



53.4330, -0.2135, -24.9357



62.0180, 12.8091, -1.7698



62.9300, 2.9925, 20.2324

Sweetspot

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



58.3730, -12.5089, -1.2041



81.7350, -4.7994, -0.6446



46.3780, -6.5954, 15.4545



41.9030, -2.9102, 0.0851



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



58.3730, -12.5089, -1.2041



75.1250, -19.7816, -1.8636



53.8880, -10.2978, -10.4258



32.3590, -1.1630, -0.3148



79.3640, -39.1265, -3.8272



183.5140, -90.4724, -8.3438

Inverse Universe

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



38.6270, 12.5089, 1.2041



43.8750, 19.7816, 1.8636



43.1120, 10.2978, 10.4258



30.6410, 1.1630, 0.3148



17.6360, 39.1265, 3.8272



40.7850, 90.3250, 8.9586

Previews

White Background



This preview shows how the YUV color 58.3730, -12.5089, -1.2041 looks on a white background.

Color Contrast Check

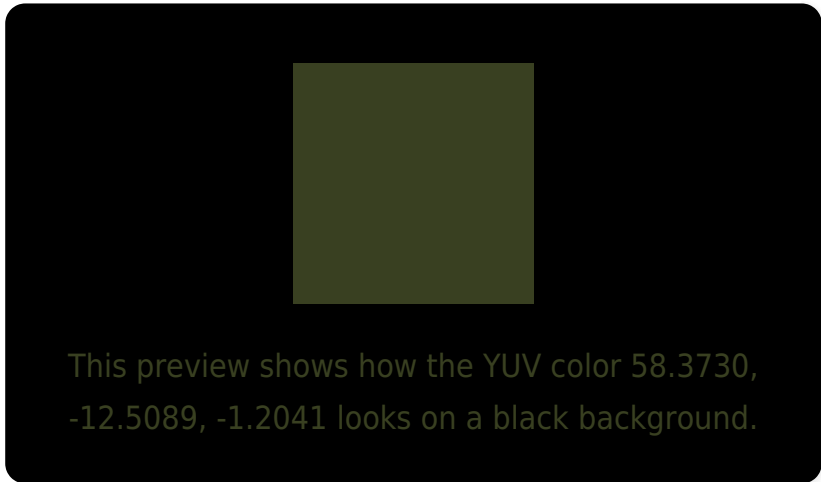
Large Text (above 18pt) WCAG AA ✓ Pass

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

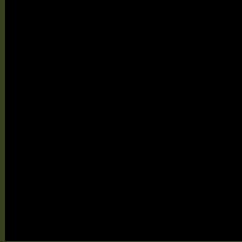
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

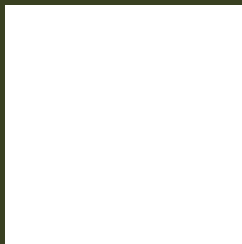
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 58.3730, -12.5089, -1.2041

Background



This preview shows how black text looks on a background with the YUV color 58.3730, -12.5089, -1.2041.



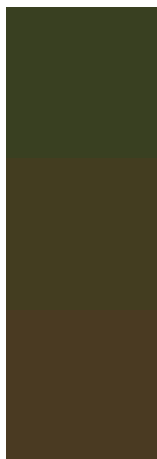
This preview shows how white text looks on a background with the YUV color 58.3730, -12.5089,

-1.2041.

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

58.3730, -12.5089, -1.2041

Protanopia

59.4880, -13.5516, 6.5880

Deuteranopia

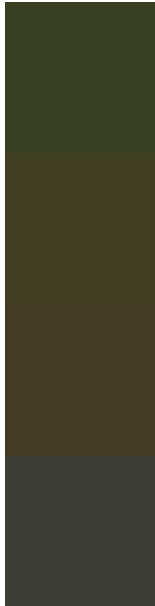
60.0480, -12.8417, 12.2359



Tritanopia

60.8690, 2.0366, 0.1149

Trichromacy



Original Color

58.3730, -12.5089, -1.2041

Protanomaly

58.8790, -13.2513, 3.6141

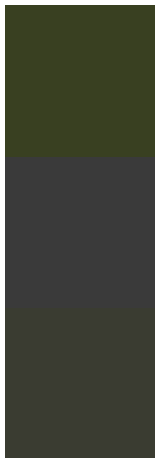
Deuteranomaly

59.4280, -12.5360, 7.5176

Tritanomaly

59.7890, -3.3470, 0.1850

Monochromacy



Original Color

58.3730, -12.5089, -1.2041

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.1480, -4.5100, -0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.3730, -12.5089, -1.2041 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(57, 64, 33)` looks like.

```
.text, #text, p{  
    color:rgb(57, 64, 33)  
}
```

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(57, 64, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 64, 33) }
```

Border

The CSS property to change the border of an element to YUV 58.3730, -12.5089, -1.2041 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(57, 64, 33) }
```


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

```
.border{ border-color:rgb(57, 64, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 64, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 64, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 64, 33);  
box-shadow:4px 4px 4px 4px rgb(57, 64, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.3730, -12.5089, -1.2041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 64, 33) }
```

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

```
.background{ background-color: rgb(57, 64,  
33) }
```

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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