

Converting Colors

YUV(80.2370, -12.9348, -4.5928)

Have a look what the booklet for
YUV(80.2370, -12.9348, -4.5928)
contains.

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Color

**YUV(80.2370, -12.9348,
-4.5928)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5836
RGB	75, 88, 54
RGB Percent	29%, 35%, 21%
CMY	0.7059, 0.6549, 0.7882
CMYK	0.15, 0.00, 0.39, 0.65
HSL	83°, 24%, 28%
HSV	83°, 39%, 35%
XYZ	7.0572, 8.7416, 4.8054
YIQ	80.2370, 3.1660, -13.3300

Conversions

Conversions Part 2

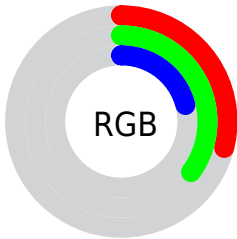
Format	Color
RYB	54, 88, 67
Decimal	4937782
CIELab	35.48, -11.75, 18.08
CIELCh	35, 21.567, 123.019
Yxy	8.7416, 0.3425, 0.4243
Android (android.graphics.Color)	4283127862 (0xFF4B5836)
YUV	80.2370, -12.9348, -4.5928
Hunter-Lab	29.5663, -9.1345, 11.0600

Details

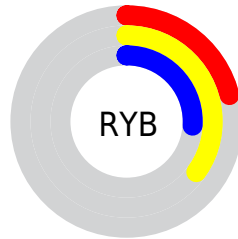
The YUV color $80.2370, -12.9348, -4.5928$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $61.7630, 12.9348, 4.5928$, and the grayscale version is $80.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $129.5960, -14.0978, -4.9077$, and $35.3510, -12.4980, -4.6928$ is the 20% darker color. If you saturate the color by 10%, you get $78.3140, -16.4238, -5.5374$, and if you desaturate by 10%, it is $82.1600, -9.4459, -3.6483$.

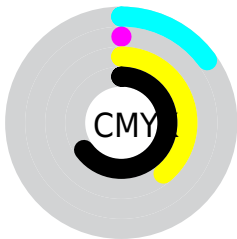
Distribution



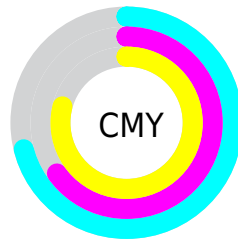
- Red (29%)
- Green (35%)
- Blue (21%)



- Red (21%)
- Yellow (35%)
- Blue (26%)



- Cyan (15%)
- Magenta (0%)
- Yellow (39%)
- Black (65%)



- Cyan (71%)
- Magenta (65%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2370, -12.9348, -4.5928 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 80.2370, -12.9348, -4.5928 by changing the saturation by 10% instead.

80.2370, -12.9348,
-4.5928

80.2370, -12.9348,
-4.5928

255.0000, 0.0000,
0.0000

57.3510, -12.4980,
-4.6928

129.5960,
-14.0978, -4.9077

35.3510, -12.4980,
-4.6928

155.4820,
-14.5346, -4.8077

13.5010, -6.6560,
-11.8404

182.3680,
-14.9714, -4.7077

0.0000, 0.0000,
0.0000

210.2540,
-15.4082, -4.6078

238.8410,
-15.6976, -5.1226

252.7200, -8.7360,

1.9996

■ 80.2370, -12.9348,
-4.5928

■ 80.2370, -12.9348,
-4.5928

■ 78.3140, -16.4238,
-5.5374

■ 82.1600, -9.4459,
-3.6483

■ 76.0920, -19.7654,
-7.0967

■ 84.3820, -6.1043,
-2.0890

■ 74.2830, -22.8175,
-8.1412

■ 86.1910, -3.0522,
-1.0445

■ 72.3600, -26.3065,
-9.0857

■ 88.1140, 0.4368,
-0.1000

■ 70.1380, -29.6480,
-10.6450

■ 90.3360, 3.7784,
1.4593

■ 68.2150, -33.1370,
-11.5896

■ 92.2590, 7.2673,
2.4039

■ 67.8020, -33.4264,
-12.1044

■ 94.4810, 10.6089,
3.9632

■ 96.2900, 13.6610,
5.0077

■ 98.2130, 17.1500,
5.9522

Harmonies

Analogous

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



82.1140, -16.3252, 9.5470



80.2370, -12.9348, -4.5928



77.2010, -5.0291, -20.3473

Triad

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



80.2370, -12.9348, -4.5928



75.1060, 19.1747, -36.9270



85.1220, -1.5391, 27.0800

Complementary

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



80.2370, -12.9348, -4.5928



61.7630, 12.9348, 4.5928

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.



86.1300, 6.3449, 18.3030



80.2370, -12.9348, -4.5928



81.8850, 17.8047, -17.4391

Square

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



80.2370, -12.9348, -4.5928



70.4160, 15.5709, -47.7228



84.8660, 13.3771, 2.7485



84.4720, -9.1067, 27.6501

Rectangle

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



80.2370, -12.9348, -4.5928



74.9700, 1.9868, -30.6687



84.8660, 13.3771, 2.7485



85.7950, 1.0871, 24.7358

Sweetspot

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



80.2370, -12.9348, -4.5928



111.6100, -5.2307, -2.2890



71.2100, -8.4845, 14.7248



57.0770, -3.4890, -0.9445



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



80.2370, -12.9348, -4.5928



102.9780, -20.2022, -6.9967



75.4530, -10.5763, -14.4293



42.2450, -1.5998, -0.2149



82.5430, -40.6937, -14.5082



181.3000, -89.3809, -31.8351

Inverse Universe

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



61.7630, 12.9348, 4.5928



74.0220, 20.2022, 6.9967



66.5470, 10.5763, 14.4293



40.0540, 1.4524, 0.8296



24.4570, 40.6937, 14.5082



53.7000, 89.3809, 31.8351

Previews

White Background



This preview shows how the YUV color 80.2370, -12.9348, -4.5928 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



This preview shows how the YUV color 80.2370, -12.9348, -4.5928 looks on a 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 80.2370, -12.9348, -4.5928

Background



This preview shows how black text looks on a background with the YUV color 80.2370, -12.9348, -4.5928.



This preview shows how white text looks on a background with the YUV color 80.2370, -12.9348, -4.5928.

-4.5928.

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

80.2370, -12.9348, -4.5928

Protanopia

81.8580, -14.7200, 8.0175

Deuteranopia

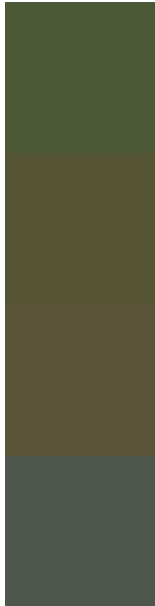
83.2440, -13.4313, 14.6950



Tritanopia

83.4880, 3.2104, -3.0590

Trichromacy



Original Color

80.2370, -12.9348, -4.5928

Protanomaly

81.3520, -13.9775, 3.1993

Deuteranomaly

82.2000, -13.4096, 7.7176

Tritanomaly

81.9950, -2.4625, -3.5036

Monochromacy



Original Color

80.2370, -12.9348, -4.5928

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1370, -4.5045, -1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2370, -12.9348, -4.5928 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(75, 88, 54)` looks like.

```
.text, #text, p{  
    color:rgb(75, 88, 54)  
}
```

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(75, 88, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 88, 54) }
```

Border

The CSS property to change the border of an element to YUV 80.2370, -12.9348, -4.5928 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(75, 88, 54) }
```


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

```
.border{ border-color:rgb(75, 88, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 88, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 88, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 88, 54);  
box-shadow:4px 4px 4px 4px rgb(75, 88, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.2370, -12.9348, -4.5928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 88, 54) }
```

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

```
.background{ background-color: rgb(75, 88,  
54) }
```

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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