

Converting Colors

YUV(64.4290, -0.7045, -7.3922)

Have a look what the booklet for
YUV(64.4290, -0.7045, -7.3922)
contains.

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Color

**YUV(64.4290, -0.7045,
-7.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	38453F
RGB	56, 69, 63
RGB Percent	22%, 27%, 25%
CMY	0.7804, 0.7294, 0.7529
CMYK	0.19, 0.00, 0.09, 0.73
HSL	152°, 10%, 25%
HSV	152°, 19%, 27%
XYZ	4.6562, 5.4559, 5.5103
YIQ	64.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

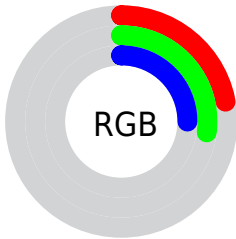
Format	Color
R_YB	56, 64, 69
Decimal	3687743
CIE Lab	28.00, -6.69, 1.88
CIE LCh	28, 6.945, 164.319
Yxy	5.4559, 0.2980, 0.3492
Android (android.graphics.Color)	4281877823 (0xFF38453F)
YUV	64.4290, -0.7045, -7.3922
Hunter-Lab	23.3578, -5.2935, 2.3635

Details

The YUV color **64.4290, -0.7045, -7.3922** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **60.5710, 0.7045, 7.3922**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.1300, -0.5571, -8.0070**, and **21.8420, -0.4151, -6.8774** is the 20% darker color. If you saturate the color by 10%, you get **61.9940, -0.9830, -11.3957**, and if you desaturate by 10%, it is **66.8640, -0.4260, -3.3887**.

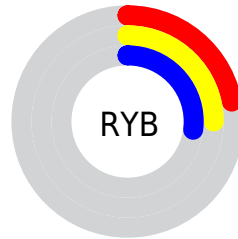
Distribution



Red (22%)

Green (27%)

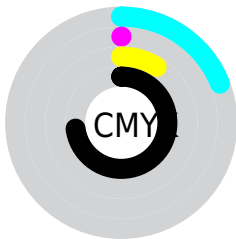
Blue (25%)



Red (22%)

Yellow (25%)

Blue (27%)

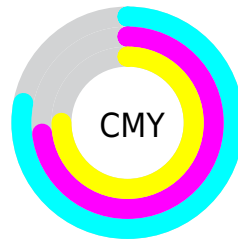


Cyan (19%)

Magenta (0%)

Yellow (9%)

Black (73%)



Cyan (78%)

Magenta (73%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.4290, -0.7045, -7.3922 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 64.4290, -0.7045, -7.3922 by changing the saturation by 10% instead.

■ 64.4290, -0.7045,
-7.3922

■ 64.4290, -0.7045,
-7.3922

■ 255.0000, 0.0000,
0.0000

■ 42.4290, -0.7045,
-7.3922

■ 112.1300, -0.5571,
-8.0070

■ 21.8420, -0.4151,
-6.8774

■ 137.7170, -0.8465,
-8.5218

■ 0.0000, 0.0000,
0.0000

■ 163.7170, -0.8465,
-8.5218

■ 190.7170, -0.8465,
-8.5218

■ 218.7170, -0.8465,
-8.5218

■ 247.3040, -1.1359,

-9.0366

■ 64.4290, -0.7045,
-7.3922

■ 64.4290, -0.7045,
-7.3922

■ 61.9940, -0.9830,
-11.3957

■ 66.8640, -0.4260,
-3.3887

■ 59.5590, -1.2616,
-15.3992

■ 69.2990, -0.1474,
0.6148

■ 57.0100, -1.9769,
-19.3028

■ 71.8480, 0.5679,
4.5183

■ 54.5750, -2.2555,
-23.3063

■ 74.2830, 0.8465,
8.5218

■ 52.4390, -2.6814,
-26.6950

■ 76.7180, 1.1250,
12.5253

■ 50.0040, -2.9600,
-30.6985

■ 78.8540, 1.5510,
15.9140

■ 47.5690, -3.2385,
-34.7020

■ 81.2890, 1.8295,
19.9175

■ 45.1340, -3.5171,
-38.7055

■ 83.7240, 2.1081,
23.9211

■ 44.7210, -3.8065,
-39.2203

■ 86.2730, 2.8234,
27.8246

Harmonies

Analogous

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



65.0660, -3.4835, -2.6889



64.4290, -0.7045, -7.3922



64.1020, 1.9217, -9.7365

Triad

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



64.4290, -0.7045, -7.3922



66.5420, 4.6628, -2.2293



66.7300, -3.8109, 9.0068

Complementary

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



64.4290, -0.7045, -7.3922



60.5710, 0.7045, 7.3922

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.



66.7130, -1.3375, 9.0217



64.4290, -0.7045, -7.3922



66.9340, 3.4835, 2.6889

Square

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



64.4290, -0.7045, -7.3922



65.0360, 5.4053, -7.0476



67.2720, 0.8519, 6.7775



66.3660, -5.1104, 5.8180

Rectangle

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



64.4290, -0.7045, -7.3922



64.2590, 3.8163, -10.7511



67.2720, 0.8519, 6.7775



66.8440, -3.3741, 8.9068

Sweetspot

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



64.4290, -0.7045, -7.3922



87.2770, -0.1366, -2.8739



65.4250, -4.6465, -3.0037



44.8750, -0.4314, -1.6444



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



64.4290, -0.7045, -7.3922



81.9940, -0.9830, -11.3957



65.1130, 1.9163, -7.9921



34.5760, -0.2840, -2.2592



64.2690, -5.0626, -56.3639



147.1570, -12.4024, -129.0567

Inverse Universe

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



60.5710, 0.7045, 7.3922



76.0060, 0.9830, 11.3957



59.8870, -1.9163, 7.9921



33.4240, 0.2840, 2.2592



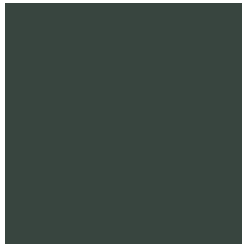
34.8450, 5.4994, 56.2639



79.8430, 12.4024, 129.0567

Previews

White Background



This preview shows how the YUV color 64.4290, -0.7045, -7.3922 looks on a white background.

Color Contrast Check

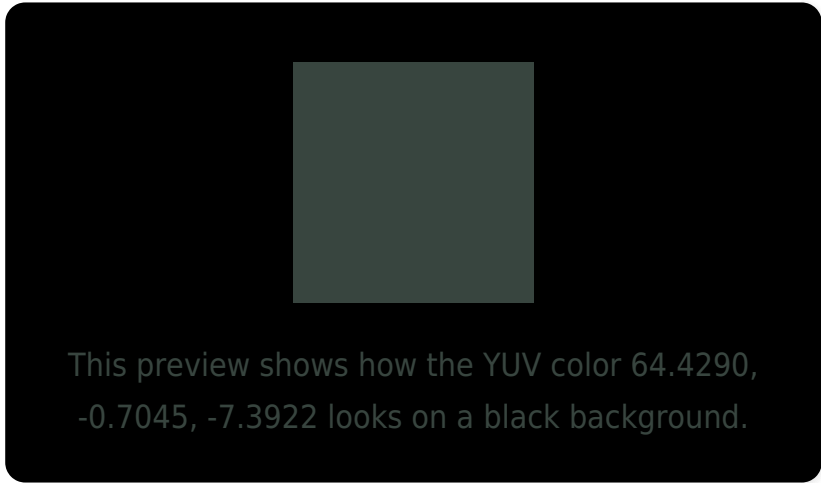
Large Text (above 18pt) WCAG AA ✓ Pass

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

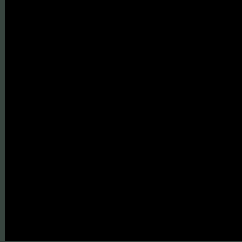
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.4290, -0.7045, -7.3922

Background



This preview shows how black text looks on a background with the YUV color 64.4290, -0.7045, -7.3922.



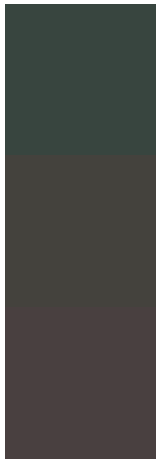
This preview shows how white text looks on a background with the YUV color 64.4290, -0.7045,

-7.3922.

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

64.4290, -0.7045, -7.3922

Protanopia

66.0280, -2.4788, 1.7294

Deuteranopia

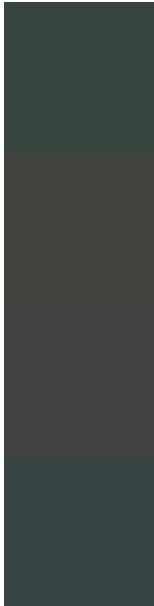
66.6910, -1.3267, 5.5330



Tritanopia

65.5800, 3.6581, -6.6477

Trichromacy



Original Color

64.4290, -0.7045, -7.3922

Protanomaly

65.5330, -1.7418, -1.3444

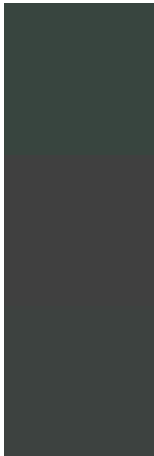
Deuteranomaly

66.0710, -1.0210, 0.8147

Tritanomaly

64.8250, 2.0583, -6.8625

Monochromacy



Original Color

64.4290, -0.7045, -7.3922

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2770, -0.1366, -2.8739

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.4290, -0.7045, -7.3922 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(56, 69, 63)` looks like.

```
.text, #text, p{  
    color:rgb(56, 69, 63)  
}
```

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(56, 69, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 69, 63) }
```

Border

The CSS property to change the border of an element to YUV 64.4290, -0.7045, -7.3922 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(56, 69, 63) }
```


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

```
.border{ border-color:rgb(56, 69, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 69, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 69, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 69, 63);  
box-shadow:4px 4px 4px 4px rgb(56, 69, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.4290, -0.7045, -7.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 69, 63) }
```

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

```
.background{ background-color: rgb(56, 69,  
63) }
```

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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