

Converting Colors

YUV(75.6210, -5.2362, -0.5446)

Have a look what the booklet for
YUV(75.6210, -5.2362, -0.5446)
contains.

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Color

**YUV(75.6210, -5.2362,
-0.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	4B4E41
RGB	75, 78, 65
RGB Percent	29%, 31%, 25%
CMY	0.7059, 0.6941, 0.7451
CMYK	0.04, 0.00, 0.17, 0.69
HSL	74°, 9%, 28%
HSV	74°, 17%, 31%
XYZ	6.5802, 7.3263, 6.0683
YIQ	75.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

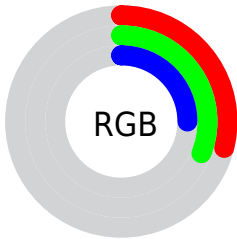
Format	Color
RYB	65, 78, 68
Decimal	4935233
CIELab	32.54, -3.91, 7.29
CIElCh	33, 8.274, 118.206
Yxy	7.3263, 0.3294, 0.3668
Android (android.graphics.Color)	4283125313 (0xFF4B4E41)
YUV	75.6210, -5.2362, -0.5446
Hunter-Lab	27.0671, -3.9731, 5.6544

Details

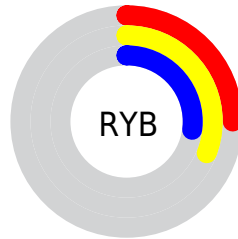
The YUV color **75.6210, -5.2362, -0.5446** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **67.3790, 5.2362, 0.5446**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5070, -5.6730, -0.4446**, and **31.7350, -4.7994, -0.6446** is the 20% darker color. If you saturate the color by 10%, you get **74.1110, -8.4357, -0.9743**, and if you desaturate by 10%, it is **77.1310, -2.0366, -0.1149**.

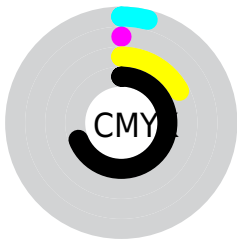
Distribution



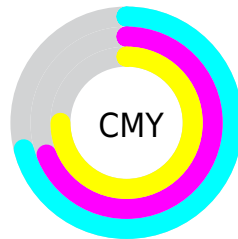
- Red (29%)
- Green (31%)
- Blue (25%)



- Red (25%)
- Yellow (31%)
- Blue (27%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (69%)



- Cyan (71%)
- Magenta (69%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6210, -5.2362, -0.5446 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 75.6210, -5.2362, -0.5446 by changing the saturation by 10% instead.

■ 75.6210, -5.2362,
-0.5446

■ 75.6210, -5.2362,
-0.5446

■ 255.0000, 0.0000,
0.0000

■ 52.7350, -4.7994,
-0.6446

■ 124.5070, -5.6730,
-0.4446

■ 31.7350, -4.7994,
-0.6446

■ 150.3930, -6.1097,
-0.3447

■ 8.2400, -4.0623,
-3.7185

■ 177.0940, -5.9623,
-0.9594

■ 0.0000, 0.0000,
0.0000

■ 204.3930, -6.1097,
-0.3447

■ 232.2790, -6.5465,
-0.2447

■ 254.2020, -3.0576,

0.6998

■ 75.6210, -5.2362,
-0.5446

■ 75.6210, -5.2362,
-0.5446

■ 74.1110, -8.4357,
-0.9743

■ 77.1310, -2.0366,
-0.1149

■ 72.6010, -11.6353,
-1.4041

■ 78.6410, 1.1630,
0.3148

■ 71.5040, -14.5455,
-1.3190

■ 79.7380, 4.0732,
0.2298

■ 69.9940, -17.7450,
-1.7487

■ 81.2480, 7.2727,
0.6595

■ 68.4840, -20.9446,
-2.1785

■ 82.7580, 10.4723,
1.0892

■ 66.9740, -24.1442,
-2.6082

■ 84.2680, 13.6719,
1.5190

■ 65.4640, -27.3438,
-3.0379

■ 85.7780, 16.8714,
1.9487

■ 64.3670, -30.2539,
-2.9529

■ 86.8750, 19.7816,
1.8636

■ 63.7260, -31.4169,
-3.2677

■ 88.3850, 22.9812,
2.2934

Harmonies

Analogous

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



76.4260, -6.1260, 4.8884



75.6210, -5.2362, -0.5446



75.1580, -3.0359, -6.2776

Triad

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



75.6210, -5.2362, -0.5446



74.8290, 6.0003, -11.2510



77.6530, -0.3219, 9.9513

Complementary

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



75.6210, -5.2362, -0.5446



67.3790, 5.2362, 0.5446

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.



77.7280, 2.5991, 6.3775



75.6210, -5.2362, -0.5446



75.9760, 6.4208, -6.1180

Square

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



75.6210, -5.2362, -0.5446



74.2480, 3.8217, -12.4955



77.0800, 5.3836, -0.0702



77.2680, -3.0901, 11.1660

Rectangle

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



75.6210, -5.2362, -0.5446



74.2330, -0.1149, -9.8513



77.0800, 5.3836, -0.0702



77.5820, 0.6991, 9.1366

Sweetspot

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



75.6210, -5.2362, -0.5446



101.1310, -2.0366, -0.1149



70.6480, -2.7845, 6.4477



50.3590, -1.1630, -0.3148



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



75.6210, -5.2362, -0.5446



98.2250, -7.9989, -1.0743



73.8270, -4.3517, -4.2333



37.2450, -1.5998, -0.2149



83.1960, -41.0156, -4.5569



187.9330, -92.6510, -9.5882

Inverse Universe

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



67.3790, 5.2362, 0.5446



85.4760, 8.1463, 0.4595



69.1730, 4.3517, 4.2333



34.7550, 1.5998, 0.2149



18.8040, 41.0156, 4.5569



42.0670, 92.6510, 9.5882

Previews

White Background



This preview shows how the YUV color 75.6210, -5.2362, -0.5446 looks on a white background.

Color Contrast Check

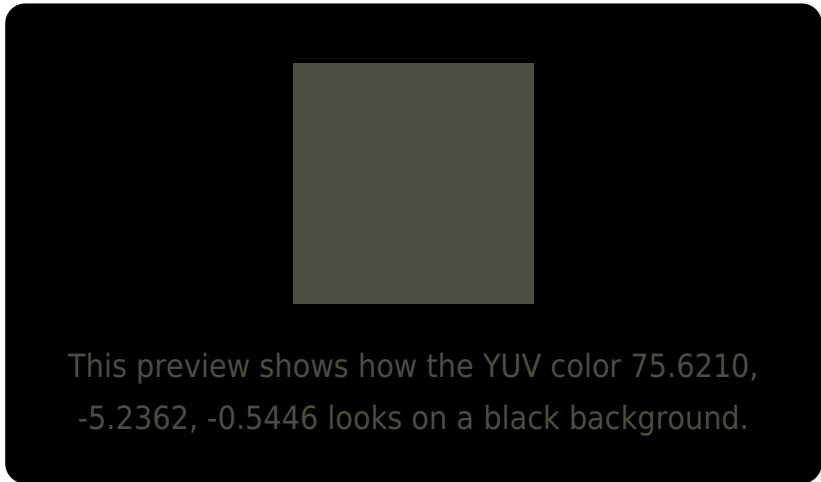
Large Text (above 18pt) WCAG AA ✓ Pass

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

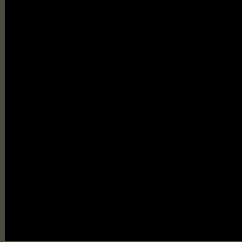
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

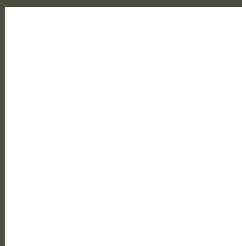
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 75.6210, -5.2362, -0.5446

Background



This preview shows how black text looks on a background with the YUV color 75.6210, -5.2362, -0.5446.



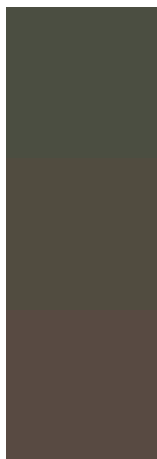
This preview shows how white text looks on a background with the YUV color 75.6210, -5.2362,

-0.5446.

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

75.6210, -5.2362, -0.5446

Protanopia

76.1270, -5.9786, 4.2736

Deuteranopia

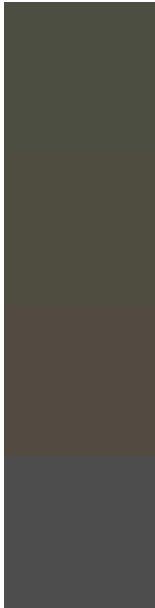
77.2740, -5.5581, 9.4067



Tritanopia

76.9830, 2.4734, 0.0149

Trichromacy



Original Color

75.6210, -5.2362, -0.5446

Protanomaly

76.1160, -5.9732, 2.5293

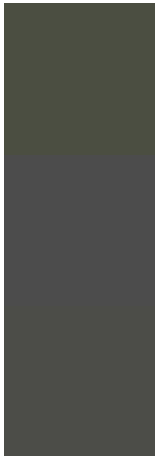
Deuteranomaly

76.3660, -5.1104, 5.8180

Tritanomaly

76.5870, -0.2894, -0.5148

Monochromacy



Original Color

75.6210, -5.2362, -0.5446

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1310, -2.0366, -0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6210, -5.2362, -0.5446 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, 78, 65)` looks like.

```
.text, #text, p{  
    color:rgb(75, 78, 65)  
}
```

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, 78, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 78, 65) }
```

Border

The CSS property to change the border of an element to YUV 75.6210, -5.2362, -0.5446 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, 78, 65) }
```


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

```
.border{ border-color:rgb(75, 78, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 78, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 78, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 78, 65);  
box-shadow:4px 4px 4px 4px rgb(75, 78, 65)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.6210, -5.2362, -0.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 78, 65) }
```

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

```
.background{ background-color: rgb(75, 78,  
65) }
```

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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