

Converting Colors

YUV(75.9640, -5.4053, 7.0476)

Have a look what the booklet for
YUV(75.9640, -5.4053, 7.0476)
contains.

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Color

**YUV(75.9640, -5.4053,
7.0476)**

Conversions

Conversions Part 1

Format	Color
Hex	544A41
RGB	84, 74, 65
RGB Percent	33%, 29%, 25%
CMY	0.6706, 0.7098, 0.7451
CMYK	0.00, 0.12, 0.23, 0.67
HSL	28°, 13%, 29%
HSV	28°, 23%, 33%
XYZ	7.0591, 7.1640, 6.0118
YIQ	75.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

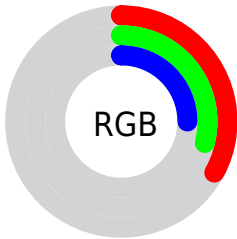
Format	Color
RYB	84, 82, 65
Decimal	5524033
CIELab	32.18, 2.51, 6.91
CIELCh	32, 7.349, 70.032
Yxy	7.1640, 0.3489, 0.3540
Android (android.graphics.Color)	4283714113 (0xFF544A41)
YUV	75.9640, -5.4053, 7.0476
Hunter-Lab	26.7657, 0.2368, 5.4190




Details

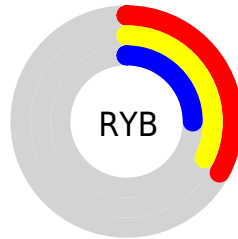
The YUV color **75.9640, -5.4053, 7.0476** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **73.0360, 5.4053, -7.0476**, and the grayscale version is **76.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **125.1490, -5.9895, 7.7623**, and **31.8930, -4.3842, 6.2328** is the 20% darker color. If you saturate the color by 10%, you get **72.7040, -7.7421, 9.9066**, and if you desaturate by 10%, it is **79.2240, -3.0684, 4.1886**.

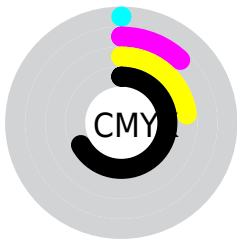
Distribution







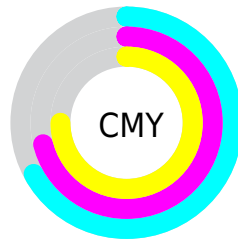
-  Red (33%)
-  Green (29%)
-  Blue (25%)






-  Red (33%)
-  Yellow (32%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (12%)
-  Yellow (23%)
-  Black (67%)



-  Cyan (67%)
-  Magenta (71%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.9640, -5.4053, 7.0476 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 75.9640, -5.4053, 7.0476 by changing the saturation by 10% instead.

■ 75.9640, -5.4053,
7.0476

■ 75.9640, -5.4053,
7.0476

■ 255.0000, 0.0000,
0.0000

■ 53.0780, -4.9685,
6.9476

■ 125.1490, -5.9895,
7.7623

■ 31.8930, -4.3842,
6.2328

■ 150.4480, -6.1369,
8.3771

■ 8.6050, -4.2423,
7.3624

■ 177.4480, -6.1369,
8.3771

■ 0.0000, 0.0000,
0.0000

■ 204.7470, -6.2843,
8.9919

■ 232.6330, -6.7211,
9.0919

■ 254.2020, -3.0576,

0.6998

■ 75.9640, -5.4053,
7.0476

■ 75.9640, -5.4053,
7.0476

■ 72.7040, -7.7421,
9.9066

■ 79.2240, -3.0684,
4.1886

■ 68.7430, -10.2263,
13.3804

■ 83.1850, -0.5842,
0.7148

■ 65.4830, -12.5631,
16.2394

■ 86.4450, 1.7526,
-2.1443

■ 61.5220, -15.0473,
19.7132

■ 90.4060, 4.2368,
-5.6181

■ 58.2620, -17.3842,
22.5722

■ 93.6660, 6.5737,
-8.4771

■ 54.4150, -19.4316,
25.9460

■ 97.5130, 8.6211,
-11.8509

■ 51.0410, -22.2052,
28.9050

■ 100.8870, 11.3947,
-14.8099

■ 48.5960, -23.9578,
31.0493

■ 104.1470, 13.7315,
-17.6689

■ 108.1080, 16.2158,
-21.1427

Harmonies

Analogous

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



76.0290, -3.9583, 9.6216



75.9640, -5.4053, 7.0476



75.2300, -5.5364, 2.4293

Triad

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



75.9640, -5.4053, 7.0476



73.6890, 1.6323, -10.2513



76.7490, 4.0677, 1.9741

Complementary

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



75.9640, -5.4053, 7.0476



73.0360, 5.4053, -7.0476

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.



76.0580, 5.3944, -3.5589



75.9640, -5.4053, 7.0476



74.0740, 4.4005, -11.4659

Square

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



75.9640, -5.4053, 7.0476



74.3150, -1.1413, -7.2923



74.4380, 5.7001, -8.2771



76.7990, 1.5781, 7.1923

Rectangle

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



75.9640, -5.4053, 7.0476



74.8490, -4.3626, -0.7446



74.4380, 5.7001, -8.2771



76.2650, 4.7994, 0.6446

Sweetspot

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



75.9640, -5.4053, 7.0476



106.7400, -2.3368, 2.8590



71.8210, 1.5672, 10.6810



54.3700, -1.1684, 1.4295



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.



75.9640, -5.4053, 7.0476



97.1880, -8.4737, 11.2361



81.2470, -8.0098, 2.4144



39.3700, -1.1684, 1.4295



60.7450, -29.9473, 38.8116



133.9380, -66.0314, 86.0004

Inverse Universe

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



73.0360, 5.4053, -7.0476



92.8120, 8.4737, -11.2361



67.7530, 8.0098, -2.4144



38.6300, 1.1684, -1.4295



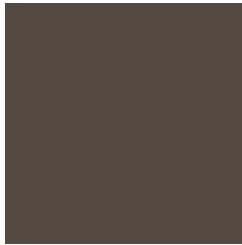
44.2550, 29.9473, -38.8116



98.0620, 66.0314, -86.0004

Previews

White Background



This preview shows how the YUV color 75.9640, -5.4053, 7.0476 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 75.9640, -5.4053, 7.0476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

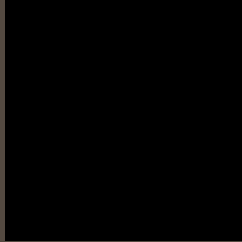
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.9640, -5.4053, 7.0476

Background



This preview shows how black text looks on a background with the YUV color 75.9640, -5.4053, 7.0476.

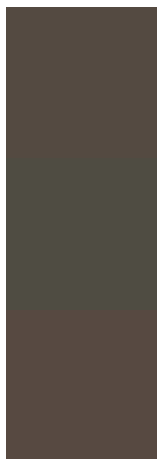


This preview shows how white text looks on a background with the YUV color 75.9640, -5.4053,

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

75.9640, -5.4053, 7.0476

Protanopia

75.7570, -4.8102, 2.8441

Deuteranopia

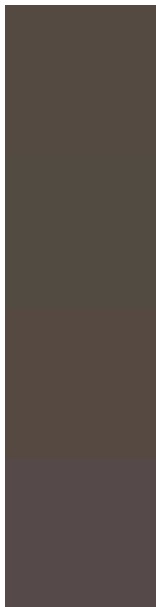
76.2740, -5.5581, 9.4067



Tritanopia

76.8700, 0.5571, 8.0070

Trichromacy



Original Color

75.9640, -5.4053, 7.0476

Protanomaly

75.7680, -4.8156, 4.5885

Deuteranomaly

75.9750, -5.4107, 8.7919

Tritanomaly

76.5880, -1.7689, 7.3773

Monochromacy



Original Color

75.9640, -5.4053, 7.0476

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8540, -1.9000, 2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.9640, -5.4053, 7.0476 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(84, 74, 65)` looks like.

```
.text, #text, p{  
    color:rgb(84, 74, 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(84, 74, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 74, 65) }
```

Border

The CSS property to change the border of an element to YUV 75.9640, -5.4053, 7.0476 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(84, 74, 65) }
```


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

```
.border{ border-color:rgb(84, 74, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 74, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 74, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 74, 65);  
box-shadow:4px 4px 4px 4px rgb(84, 74, 65)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.9640, -5.4053, 7.0476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 74, 65) }
```

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

```
.background{ background-color: rgb(84, 74,  
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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