

Converting Colors

YUV(76.6420, -0.3165, 8.2070)

Have a look what the booklet for
YUV(76.6420, -0.3165, 8.2070)
contains.

YUV(76.6420, -0.3165, 8.2070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(76.6420, -0.3165,
8.2070)**

Conversions

Conversions Part 1

Format	Color
Hex	56484C
RGB	86, 72, 76
RGB Percent	34%, 28%, 30%
CMY	0.6627, 0.7176, 0.7020
CMYK	0.00, 0.16, 0.12, 0.66
HSL	343°, 9%, 31%
HSV	343°, 16%, 34%
XYZ	7.4596, 7.1350, 7.8215
YIQ	76.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

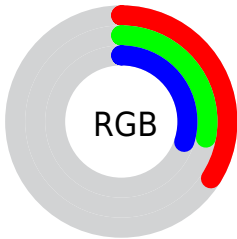
Format	Color
R_{YB}	86, 72, 76
Decimal	5654604
CIE Lab	32.11, 6.69, -0.19
CIE LCh	32, 6.696, 358.397
Yxy	7.1350, 0.3328, 0.3183
Android (android.graphics.Color)	4283844684 (0xFF56484C)
YUV	76.6420, -0.3165, 8.2070
Hunter-Lab	26.7114, 3.1044, 1.3369

Details

The YUV color **76.6420, -0.3165, 8.2070** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **81.3580, 0.3165, -8.2070**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.3540, -0.1745, 9.3365**, and **32.9300, -0.4585, 7.0774** is the 20% darker color. If you saturate the color by 10%, you get **70.6750, -0.3328, 13.4400**, and if you desaturate by 10%, it is **82.6090, -0.3002, 2.9739**.

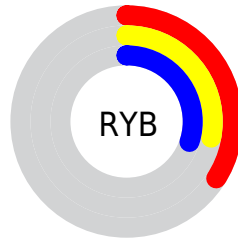
Distribution



Red (34%)

Green (28%)

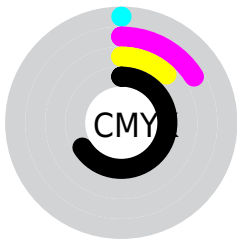
Blue (30%)



Red (34%)

Yellow (28%)

Blue (30%)

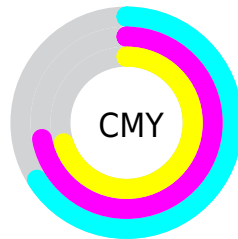


Cyan (0%)

Magenta (16%)

Yellow (12%)

Black (66%)



Cyan (66%)

Magenta (72%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6420, -0.3165, 8.2070 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 76.6420, -0.3165, 8.2070 by changing the saturation by 10% instead.

■ 76.6420, -0.3165,
8.2070

■ 76.6420, -0.3165,
8.2070

■ 255.0000, 0.0000,
0.0000

■ 54.2290, -0.6059,
7.6922

■ 125.3540, -0.1745,
9.3365

■ 32.9300, -0.4585,
7.0774

■ 151.3540, -0.1745,
9.3365

■ 8.9520, -0.4693,
10.5661

■ 178.2400, -0.6113,
9.4365

■ 0.0000, 0.0000,
0.0000

■ 205.6530, -0.3219,
9.9513

■ 233.6530, -0.3219,
9.9513

■ 76.6420, -0.3165,
8.2070

■ 76.6420, -0.3165,
8.2070

■ 70.6750, -0.3328,
13.4400

■ 82.6090, -0.3002,
2.9739

■ 65.2950, -0.6384,
18.1583

■ 87.9890, 0.0054,
-1.7444

■ 59.3280, -0.6547,
23.3913

■ 93.9560, 0.0217,
-6.9774

■ 53.8340, -1.3972,
28.2096

■ 99.4500, 0.7642,
-11.7956

■ 47.8670, -1.4134,
33.4426

■ 105.4170, 0.7804,
-17.0287

■ 41.9000, -1.4297,
38.6757

■ 111.3840, 0.7967,
-22.2618

■ 36.5200, -1.7354,
43.3940

■ 116.7640, 1.1023,
-26.9800

■ 30.5530, -1.7516,

■ 122.7310, 1.1186,

48.6270

-32.2131

■ 28.5640, -1.7571,
50.3714

■ 128.1110, 1.4243,
-36.9313

Harmonies

Analogous

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



76.6030, 2.1677, 4.7332



76.6420, -0.3165, 8.2070



76.3710, -2.6479, 9.3216

Triad

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



76.6420, -0.3165, 8.2070



74.8490, -4.3626, -0.7446



74.4980, 4.6845, -9.2067

Complementary

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



76.6420, -0.3165, 8.2070



81.3580, 0.3165, -8.2070

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.



73.4440, 3.2321, -10.0364



76.6420, -0.3165, 8.2070



74.0980, -2.0203, -5.3479

Square

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



76.6420, -0.3165, 8.2070



75.3550, -5.1050, 4.0737



74.0590, 0.4639, -8.8217



75.3460, 5.2524, -4.6884

Rectangle

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



76.6420, -0.3165, 8.2070



76.3170, -4.1003, 8.4920



74.0590, 0.4639, -8.8217



74.0850, 4.3951, -9.7215

Sweetspot

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



76.6420, -0.3165, 8.2070



108.6090, -0.3002, 2.9739



76.5860, 4.6411, 4.7481



54.0110, -0.0054, 1.7444



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.



76.6420, -0.3165, 8.2070



97.2620, -0.6222, 12.9252



77.9470, -2.9319, 7.0625



40.3100, -0.1528, 2.3591



35.5270, -2.2318, 62.6818



77.9030, -5.3752, 137.7741

Inverse Universe

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



76.6420, -0.3165, 8.2070



97.2620, -0.6222, 12.9252



80.0530, 2.9319, -7.0625



40.3100, -0.1528, 2.3591



35.5270, -2.2318, 62.6818



77.9030, -5.3752, 137.7741

Previews

White Background



This preview shows how the YUV color 76.6420, -0.3165, 8.2070 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 76.6420, -0.3165, 8.2070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

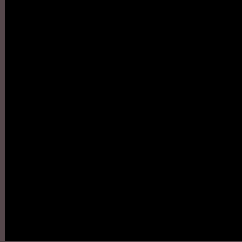
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.6420, -0.3165, 8.2070

Background



This preview shows how black text looks on a background with the YUV color 76.6420, -0.3165, 8.2070.

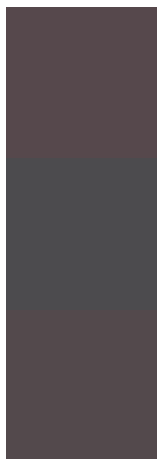


This preview shows how white text looks on a background with the YUV color 76.6420, -0.3165,

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

76.6420, -0.3165, 8.2070

Protanopia

75.6410, 1.1630, 0.3148

Deuteranopia

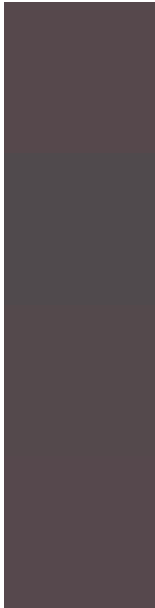
76.3320, -0.1637, 5.8478



Tritanopia

76.7560, 0.1203, 8.1070

Trichromacy



Original Color

76.6420, -0.3165, 8.2070

Protanomaly

76.1360, 0.4260, 3.3887

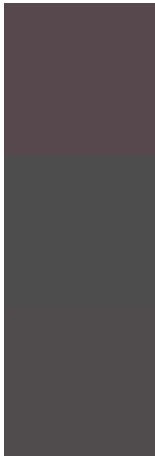
Deuteranomaly

76.6310, -0.3111, 6.4626

Tritanomaly

76.7560, 0.1203, 8.1070

Monochromacy



Original Color

76.6420, -0.3165, 8.2070

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7230, 0.1366, 2.8739

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6420, -0.3165, 8.2070 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(86, 72, 76)` looks like.

```
.text, #text, p{  
    color:rgb(86, 72, 76)  
}
```

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(86, 72, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 72, 76) }
```

Border

The CSS property to change the border of an element to YUV 76.6420, -0.3165, 8.2070 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(86, 72, 76) }
```


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

```
.border{ border-color:rgb(86, 72, 76) }
```

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

Here you see how a box with a 4 pixel rgb(86, 72, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 72, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 72, 76);  
box-shadow:4px 4px 4px 4px rgb(86, 72, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.6420, -0.3165, 8.2070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 72, 76) }
```

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

```
.background{ background-color: rgb(86, 72,  
76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor