

Converting Colors

YUV(76.8260, 0.5788, 1.0296)

Have a look what the booklet for
YUV(76.8260, 0.5788, 1.0296)
contains.

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Color

**YUV(76.8260, 0.5788,
1.0296)**

Conversions

Conversions Part 1

Format	Color
Hex	4E4C4E
RGB	78, 76, 78
RGB Percent	31%, 30%, 31%
CMY	0.6941, 0.7020, 0.6941
CMYK	0.00, 0.03, 0.00, 0.69
HSL	300°, 1%, 30%
HSV	300°, 3%, 31%
XYZ	7.1015, 7.3386, 8.2499
YIQ	76.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

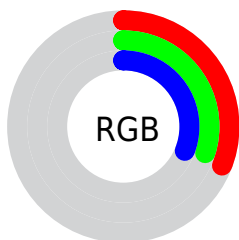
Format	Color
RYB	78, 76, 78
Decimal	5131342
CIELab	32.57, 1.26, -0.90
CIELCh	33, 1.543, 324.484
Yxy	7.3386, 0.3130, 0.3234
Android (android.graphics.Color)	4283321422 (0xFF4E4C4E)
YUV	76.8260, 0.5788, 1.0296
Hunter-Lab	27.0899, -0.6146, 0.9068

Details

The YUV color **76.8260, 0.5788, 1.0296** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **77.1740, -0.5788, -1.0296**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8260, 0.5788, 1.0296**, and **32.8260, 0.5788, 1.0296** is the 20% darker color. If you saturate the color by 10%, you get **72.1300, 2.8939, 5.1480**, and if you desaturate by 10%, it is **81.5220, -1.7363, -3.0888**.

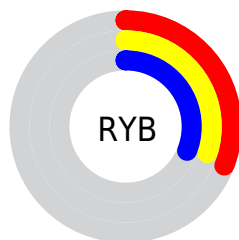
Distribution



Red (31%)

Green (30%)

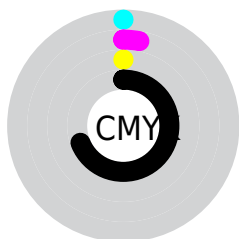
Blue (31%)



Red (31%)

Yellow (30%)

Blue (31%)

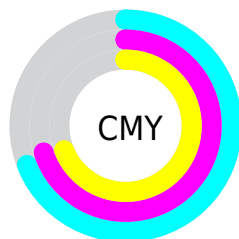


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (69%)



Cyan (69%)


Magenta (70%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.8260, 0.5788, 1.0296 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 76.8260, 0.5788, 1.0296 by changing the saturation by 10% instead.


 76.8260, 0.5788,
1.0296


 76.8260, 0.5788,
1.0296


255.0000, 0.0000,
0.0000

 53.8260, 0.5788,
1.0296

 125.8260, 0.5788,
1.0296


 32.8260, 0.5788,
1.0296


 151.8260, 0.5788,
1.0296

 9.6520, 1.1576,
2.0592

 178.2390, 0.8682,
1.5444

 0.0000, 0.0000,
0.0000

 205.8260, 0.5788,
1.0296

 233.8260, 0.5788,
1.0296

76.8260, 0.5788,
1.0296

76.8260, 0.5788,
1.0296

72.1300, 2.8939,
5.1480

81.5220, -1.7363,
-3.0888

67.4340, 5.2090,
9.2664

86.2180, -4.0515,
-7.2072

63.3250, 7.2348,
12.8700

90.3270, -6.0772,
-10.8108

58.6290, 9.5499,
16.9884

95.0230, -8.3923,
-14.9292

53.9330, 11.8650,
21.1068

99.7190, -10.7075,
-19.0476

49.2370, 14.1802,
25.2252

104.4150,
-13.0226, -23.1660

44.5410, 16.4953,
29.3435

109.1110,
-15.3377, -27.2843

40.4320, 18.5210,

113.2200,

32.9471

-17.3635, -30.8879

■ 35.7360, 20.8362,
37.0655

■ 117.9160,
-19.6786, -35.0063

Harmonies

Analogous

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



76.6410, 1.1630, 0.3148



76.8260, 0.5788, 1.0296



77.0110, -0.0054, 1.7444

Triad

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



76.8260, 0.5788, 1.0296



76.3700, -1.1684, 1.4295



76.2170, 0.8790, -1.9443

Complementary

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



76.8260, 0.5788, 1.0296



77.1740, -0.5788, -1.0296

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.



75.9890, 0.0054, -1.7444



76.8260, 0.5788, 1.0296



76.6580, -1.3104, 0.2999

Square

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



76.8260, 0.5788, 1.0296



76.7830, -0.8790, 1.9443



76.1740, -0.5788, -1.0296



76.3310, 1.3158, -2.0443

Rectangle

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



76.8260, 0.5788, 1.0296



76.8970, -0.4422, 1.8443



76.1740, -0.5788, -1.0296



76.1030, 0.4422, -1.8443

Sweetspot

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



76.8260, 0.5788, 1.0296



101.4130, 0.2894, 0.5148



76.2280, 0.8736, -0.2000



50.4130, 0.2894, 0.5148



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.



76.8260, 0.5788, 1.0296



100.2390, 0.8682, 1.5444



76.7120, 0.1420, 1.1296



37.4130, 0.2894, 0.5148



42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Inverse Universe

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



76.8260, 0.5788, 1.0296



100.2390, 0.8682, 1.5444



77.2880, -0.1420, -1.1296



37.4130, 0.2894, 0.5148



42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Previews

White Background



This preview shows how the YUV color 76.8260, 0.5788, 1.0296 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 76.8260, 0.5788, 1.0296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

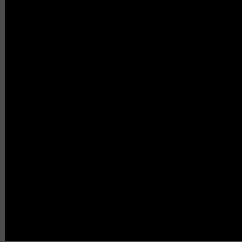
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.8260, 0.5788, 1.0296

Background



This preview shows how black text looks on a background with the YUV color 76.8260, 0.5788, 1.0296.



This preview shows how white text looks on a background with the YUV color 76.8260, 0.5788,

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

76.8260, 0.5788, 1.0296

Protanopia

76.5270, 0.7262, 0.4148

Deuteranopia

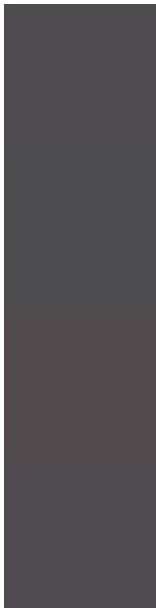
77.1470, 0.4205, 5.1331



Tritanopia

76.8800, 2.0312, 1.8592

Trichromacy



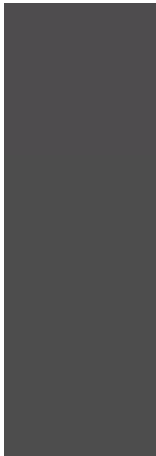
Original Color
76.8260, 0.5788, 1.0296

Protanomaly
76.5270, 0.7262, 0.4148

Deuteranomaly
77.1360, 0.4260, 3.3887

Tritanomaly
76.7660, 1.5944, 1.9592

Monochromacy



Original Color
76.8260, 0.5788, 1.0296

Achromatopsia
77.0000, 0.0000, 0.0000

Achromatomaly
77.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8260, 0.5788, 1.0296 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(78, 76, 78)` looks like.

```
.text, #text, p{  
    color:rgb(78, 76, 78)  
}
```

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(78, 76, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 76, 78) }
```

Border

The CSS property to change the border of an element to YUV 76.8260, 0.5788, 1.0296 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(78, 76, 78) }
```


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

```
.border{ border-color:rgb(78, 76, 78) }
```

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

Here you see how a box with a 4 pixel rgb(78, 76, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 76, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 76, 78);  
box-shadow:4px 4px 4px 4px rgb(78, 76, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.8260, 0.5788, 1.0296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 76, 78) }
```

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

```
.background{ background-color: rgb(78, 76,  
78) }
```

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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