

Converting Colors

YIQ(78.5060, 4.4470, 2.0070)

Have a look what the booklet for
YIQ(78.5060, 4.4470, 2.0070)
contains.

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Color

YIQ(78.5060, 4.4470, 2.0070)

Conversions

Conversions Part 1

Format	Color
Hex	544C4D
RGB	84, 76, 77
RGB Percent	33%, 30%, 30%
CMY	0.6706, 0.7020, 0.6980
CMYK	0.00, 0.10, 0.08, 0.67
HSL	352°, 5%, 31%
HSV	352°, 10%, 33%
XYZ	7.5805, 7.5894, 8.0873
YIQ	78.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

Format	Color
RYB	84, 76, 77
Decimal	5524557
CIELab	33.11, 3.53, 0.61
CIELCh	33, 3.583, 9.739
Yxy	7.5894, 0.3259, 0.3263
Android (android.graphics.Color)	4283714637 (0xFF544C4D)
YUV	78.5060, -0.7425, 4.8182
Hunter-Lab	27.5488, 0.9070, 1.8787

Details

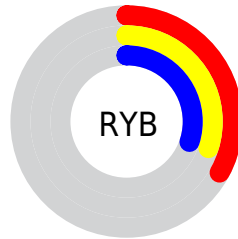
The YIQ color **78.5060, 4.4470, 2.0070** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **81.4940, -4.4470, -2.0070**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8050, 5.0430, 2.2190**, and **34.2070, 3.8510, 1.7950** is the 20% darker color. If you saturate the color by 10%, you get **73.0120, 8.8940, 4.0140**, and if you desaturate by 10%, it is **84.0000, -0.0000, -0.0000**.

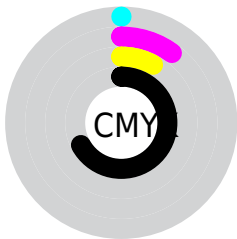
Distribution



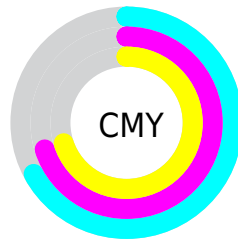
- Red (33%)
- Green (30%)
- Blue (30%)



- Red (33%)
- Yellow (30%)
- Blue (30%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (67%)



- Cyan (67%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.5060, 4.4470, 2.0070 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 YIQ color 78.5060, 4.4470, 2.0070 by changing the saturation by 10% instead.

■ 78.5060, 4.4470,
2.0070

■ 78.5060, 4.4470,
2.0070

255.0000, -0.0000,
-0.0000

■ 55.5060, 4.4470,
2.0070

■ 127.8050, 5.0430,
2.2190

■ 34.2070, 3.8510,
1.7950

■ 153.8050, 5.0430,
2.2190

■ 12.1040, 5.6390,
2.4310

■ 180.1040, 5.6390,
2.4310

■ 0.0000, 0.0000,
0.0000

■ 207.8050, 5.0430,
2.2190

■ 236.1040, 5.6390,
2.4310

■ 78.5060, 4.4470,
2.0070

■ 78.5060, 4.4470,
2.0070

■ 73.0120, 8.8940,
4.0140

■ 84.0000, -0.0000,
-0.0000

■ 66.8170, 13.9370,
6.2330

■ 90.1950, -5.0430,
-2.2190

■ 61.3230, 18.3840,
8.2400

■ 95.6890, -9.4900,
-4.2260

■ 55.2420, 23.1060,
10.7700

■ 101.7700,
-14.2120, -6.7560

■ 49.6340, 27.8740,
12.4660

■ 107.3780,
-18.9800, -8.4520

■ 44.1400, 32.3210,
14.4730

■ 112.8720,
-23.4270, -10.4590

■ 38.0590, 37.0430,
17.0030

■ 118.9530,
-28.1490, -12.9890

■ 32.4510, 41.8110,

■ 124.5610,

18.6990

-32.9170, -14.6850

■ 26.3700, 46.5330,
21.2290

■ 130.6420,
-37.6390, -17.2150

Harmonies

Analogous

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



78.2500, 2.2920, 2.5160



78.5060, 4.4470, 2.0070



78.1640, 5.4100, 1.0740

Triad

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



78.5060, 4.4470, 2.0070



77.4190, 0.1380, -2.5020



77.6620, -4.8600, -0.0280

Complementary

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



78.5060, 4.4470, 2.0070



81.4940, -4.4470, -2.0070

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.



76.8360, -5.4100, -1.0740



78.5060, 4.4470, 2.0070



76.8640, -2.6130, -2.2050

Square

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



78.5060, 4.4470, 2.0070



77.6150, 2.5220, -1.6540



77.1950, -5.0430, -2.2190



77.9720, -2.7970, 1.1310

Rectangle

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



78.5060, 4.4470, 2.0070



78.3380, 4.8600, 0.0280



77.1950, -5.0430, -2.2190



77.3630, -5.4560, -0.2400

Sweetspot

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



78.5060, 4.4470, 2.0070



107.3100, 2.0630, 1.1590



79.0050, 1.6040, 3.9720



54.5980, 1.1920, 0.4240



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.



78.5060, 4.4470, 2.0070



101.7020, 6.8310, 2.8550



80.1530, 3.9430, 0.1270



38.1960, 2.3840, 0.8480



32.8770, 58.4070, 26.3030



72.6740, 128.9630, 58.2030

Inverse Universe

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



78.5060, 4.4470, 2.0070



101.7020, 6.8310, 2.8550



79.8470, -3.9430, -0.1270



38.1960, 2.3840, 0.8480



32.8770, 58.4070, 26.3030



72.6740, 128.9630, 58.2030

Previews

White Background



This preview shows how the YIQ color 78.5060, 4.4470, 2.0070 looks on a white background.

Color Contrast Check

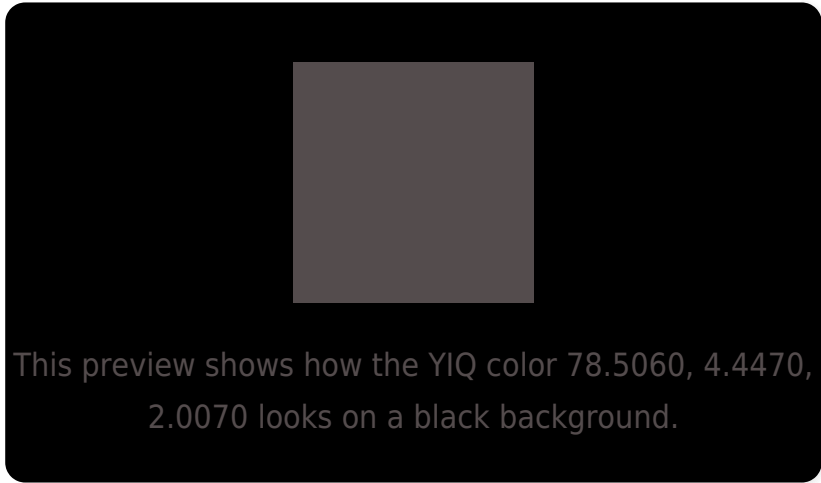
Large Text (above 18pt) WCAG AA ✓ Pass

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

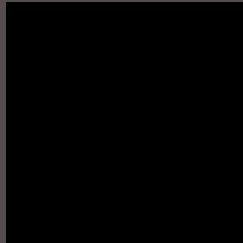
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.5060, 4.4470, 2.0070

Background



This preview shows how black text looks on a background with the YIQ color 78.5060, 4.4470, 2.0070.

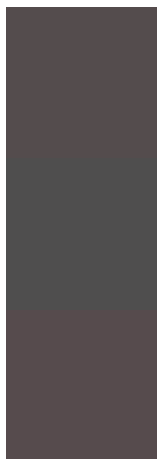


This preview shows how white text looks on a background with the YIQ color 78.5060, 4.4470, 2.0070.

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

78.5060, 4.4470, 2.0070

Protanopia

78.2990, 0.5960, 0.2120

Deuteranopia

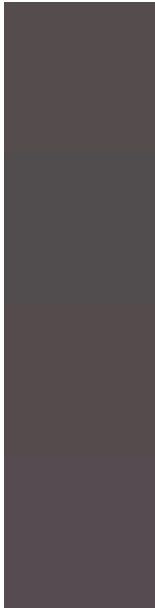
78.5170, 5.9140, 2.9540



Tritanopia

78.6740, 4.0340, 3.9860

Trichromacy



Original Color

78.5060, 4.4470, 2.0070

Protanomaly

78.3100, 2.0630, 1.1590

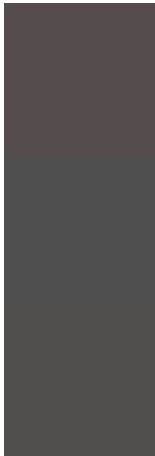
Deuteranomaly

78.2180, 5.3180, 2.7420

Tritanomaly

78.5600, 4.3550, 3.6750

Monochromacy



Original Color

78.5060, 4.4470, 2.0070

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.8970, 1.7880, 0.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.5060, 4.4470, 2.0070 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, 76, 77)` looks like.

```
.text, #text, p{  
    color:rgb(84, 76, 77)  
}
```

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, 76, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 76, 77) }
```

Border

The CSS property to change the border of an element to YIQ 78.5060, 4.4470, 2.0070 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, 76, 77) }
```

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

```
.border{ border-color:rgb(84, 76, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 76, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 76, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 76, 77);  
box-shadow:4px 4px 4px 4px rgb(84, 76, 77)  
}
```


Background

The CSS property to change the background color of an element to YIQ 78.5060, 4.4470, 2.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 76, 77) }
```

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

```
.background{ background-color: rgb(84, 76,  
77) }
```

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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