

Converting Colors

YIQ(79.5590, -3.0720, 0.6080)

Have a look what the booklet for
YIQ(79.5590, -3.0720, 0.6080)
contains.

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Color

**YIQ(79.5590, -3.0720,
0.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5054
RGB	77, 80, 84
RGB Percent	30%, 31%, 33%
CMY	0.6980, 0.6863, 0.6706
CMYK	0.08, 0.05, 0.00, 0.67
HSL	214°, 4%, 32%
HSV	214°, 8%, 33%
XYZ	7.5293, 7.9553, 9.5254
YIQ	79.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

Format	Color
R_{YB}	77, 79, 84
Decimal	5066836
CIE Lab	33.89, -0.30, -2.77
CIE LCh	34, 2.785, 263.749
Yxy	7.9553, 0.3011, 0.3181
Android (android.graphics.Color)	4283256916 (0xFF4D5054)
YUV	79.5590, 2.1894, -2.2442
Hunter-Lab	28.2051, -1.7086, -0.2798

Details

The YIQ color **79.5590, -3.0720, 0.6080** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **81.4410, 3.0720, -0.6080**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **128.5590, -3.0720, 0.6080**, and **35.4450, -2.7510, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **74.2320, -6.4650, 1.5270**, and if you desaturate by 10%, it is **84.8860, 0.3210, -0.3110**.

Distribution



- Red (30%)
- Green (31%)
- Blue (33%)



- Red (30%)
- Yellow (31%)
- Blue (33%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (67%)



- Cyan (70%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.5590, -3.0720, 0.6080 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 79.5590, -3.0720, 0.6080 by changing the saturation by 10% instead.

■ 79.5590, -3.0720,
0.6080

■ 79.5590, -3.0720,
0.6080

■ 255.0000, -0.0000,
-0.0000

■ 56.5590, -3.0720,
0.6080

■ 128.5590, -3.0720,
0.6080

■ 35.4450, -2.7510,
0.2970

■ 154.6730, -3.3930,
0.9190

■ 13.3740, -3.9890,
0.7070

■ 181.6730, -3.3930,
0.9190

■ 0.0000, 0.0000,
0.0000

■ 209.2600, -3.6680,
0.3960

■ 237.3740, -3.9890,
0.7070

■ 79.5590, -3.0720,
0.6080

■ 79.5590, -3.0720,
0.6080

■ 74.2320, -6.4650,
1.5270

■ 84.8860, 0.3210,
-0.3110

■ 68.6060, -10.4540,
2.2340

■ 90.5120, 4.3100,
-1.0180

■ 63.8660, -14.1220,
2.6300

■ 95.2520, 7.9780,
-1.4140

■ 58.2400, -18.1110,
3.3370

■ 100.8780, 11.9670,
-2.1210

■ 52.9130, -21.5040,
4.2560

■ 106.2050, 15.3600,
-3.0400

■ 47.5860, -24.8970,
5.1750

■ 111.5320, 18.7530,
-3.9590

■ 41.9600, -28.8860,
5.8820

■ 117.1580, 22.7420,
-4.6660

■ 37.2200, -32.5540,

■ 121.8980, 26.4100,

6.2780

-5.0620

■ 31.5940, -36.5430,
6.9850

■ 127.5240, 30.3990,
-5.7690

Harmonies

Analogous

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



79.4340, -4.2180, -0.6500



79.5590, -3.0720, 0.6080



79.8690, -1.0090, 1.7670

Triad

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



79.5590, -3.0720, 0.6080



80.0930, 4.1720, 1.4840



79.3480, -1.1000, -2.0920

Complementary

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



79.5590, -3.0720, 0.6080



81.4410, 3.0720, -0.6080

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.



79.5440, 1.2840, -1.2440



79.5590, -3.0720, 0.6080



80.1530, 3.9430, 0.1270

Square

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



79.5590, -3.0720, 0.6080



80.0220, 2.9340, 1.8940



79.4410, 3.0720, -0.6080



78.9780, -2.9340, -1.8940

Rectangle

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



79.5590, -3.0720, 0.6080



80.0540, -0.0920, 1.6680



79.4410, 3.0720, -0.6080



79.5330, -0.1830, -2.1910

Sweetspot

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



79.5590, -3.0720, 0.6080



107.9290, -1.2380, 0.4100



81.5650, -3.2090, -2.4170



55.1140, -0.3210, 0.3110



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.



79.5590, -3.0720, 0.6080



102.6020, -4.6310, 1.3290



77.7980, -2.2470, 2.1770



38.0430, -1.5590, 0.7210



38.3850, -46.0800, 9.1200



85.1480, -101.9720, 19.8520

Inverse Universe

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



79.4350, 3.2090, 2.4170



102.7450, 5.2720, 3.5760



83.2020, 2.2470, -2.1770



38.3100, 2.0630, 1.1590



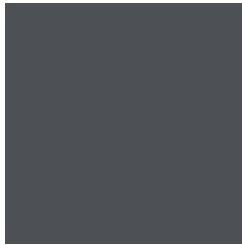
36.5250, 48.1350, 36.2550



80.7680, 106.1720, 80.2840

Previews

White Background



This preview shows how the YIQ color 79.5590, -3.0720, 0.6080 looks on a white background.

Color Contrast Check

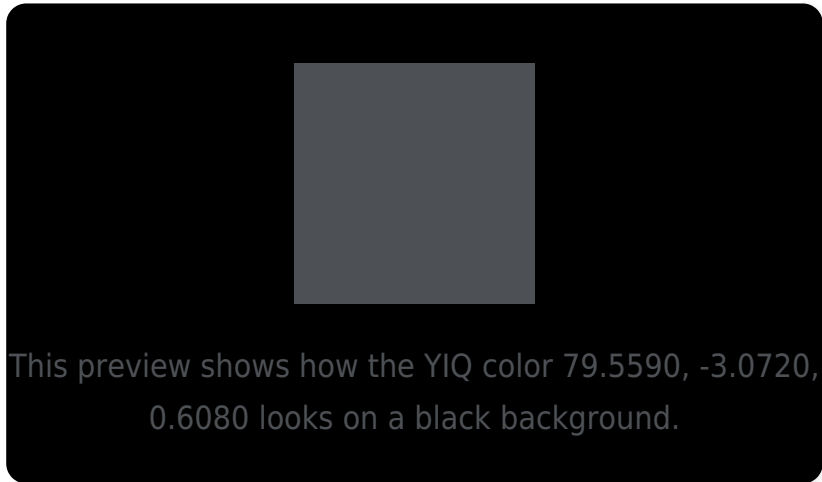
Large Text (above 18pt) WCAG AA ✓ Pass

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

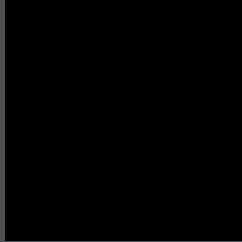
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

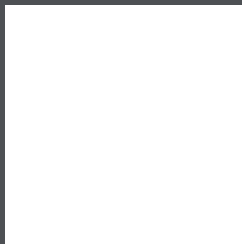
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 79.5590, -3.0720, 0.6080

Background



This preview shows how black text looks on a background with the YIQ color 79.5590, -3.0720, 0.6080.



This preview shows how white text looks on a background with the YIQ color 79.5590, -3.0720,

0.6080.

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

79.5590, -3.0720, 0.6080

Protanopia

79.7550, -0.6880, 1.4560

Deuteranopia

80.3040, 2.2000, 4.1840



Tritanopia

79.7870, -3.7140, 1.2300

Trichromacy



Original Color

79.5590, -3.0720, 0.6080

Protanomaly

79.4560, -1.2840, 1.2440

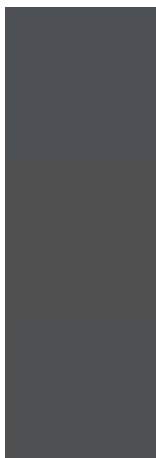
Deuteranomaly

79.9940, 0.1370, 3.0250

Tritanomaly

79.6730, -3.3930, 0.9190

Monochromacy



Original Color

79.5590, -3.0720, 0.6080

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

79.8150, -0.9170, 0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.5590, -3.0720, 0.6080 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(77, 80, 84)` looks like.

```
.text, #text, p{  
    color:rgb(77, 80, 84)  
}
```

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(77, 80, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 80, 84) }
```

Border

The CSS property to change the border of an element to YIQ 79.5590, -3.0720, 0.6080 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(77, 80, 84) }
```


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

```
.border{ border-color:rgb(77, 80, 84) }
```

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

Here you see how a box with a 4 pixel rgb(77, 80, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 80, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 80, 84);  
box-shadow:4px 4px 4px 4px rgb(77, 80, 84)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.5590, -3.0720, 0.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 80, 84) }
```

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

```
.background{ background-color: rgb(77, 80,  
84) }
```

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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