

Converting Colors

YIQ(77.5590, 6.0960, 10.6720)

Have a look what the booklet for
YIQ(77.5590, 6.0960, 10.6720)
contains.

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Color

**YIQ(77.5590, 6.0960,
10.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	5A4559
RGB	90, 69, 89
RGB Percent	35%, 27%, 35%
CMY	0.6470, 0.7294, 0.6510
CMYK	0.00, 0.23, 0.01, 0.65
HSL	303°, 13%, 31%
HSV	303°, 23%, 35%
XYZ	8.1488, 7.1509, 10.4025
YIQ	77.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

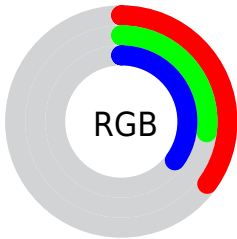
Format	Color
R_{YB}	90, 69, 89
Decimal	5915993
CIE _{Lab}	32.15, 12.94, -8.42
CIE _{LCh}	32, 15.435, 326.957
Yxy	7.1509, 0.3170, 0.2782
Android (android.graphics.Color)	4284106073 (0xFF5A4559)
YUV	77.5590, 5.6404, 10.9108
Hunter-Lab	26.7412, 7.5971, -4.3452

Details

The YIQ color **77.5590, 6.0960, 10.6720** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **81.4410, -6.0960, -10.6720**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.3850, 6.6460, 11.7180**, and **32.8470, 5.2250, 9.9370** is the 20% darker color. If you saturate the color by 10%, you get **72.2760, 8.5710, 15.3790**, and if you desaturate by 10%, it is **82.8420, 3.6210, 5.9650**.

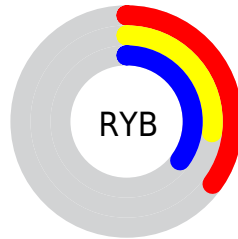
Distribution



Red (35%)

Green (27%)

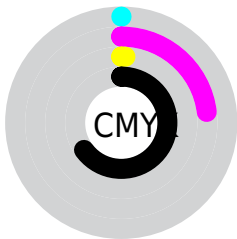
Blue (35%)



Red (35%)

Yellow (27%)

Blue (35%)

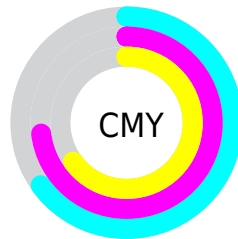


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (65%)



Cyan (65%)

Magenta (73%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.5590, 6.0960, 10.6720 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 77.5590, 6.0960, 10.6720 by changing the saturation by 10% instead.

■ 77.5590, 6.0960,
10.6720

■ 77.5590, 6.0960,
10.6720

255.0000, -0.0000,
-0.0000

■ 54.8470, 5.2250,
9.9370

■ 126.3850, 6.6460,
11.7180

■ 32.8470, 5.2250,
9.9370

■ 152.6840, 7.2420,
11.9300

■ 10.0970, 7.5170,
12.4530

■ 179.6840, 7.2420,
11.9300

■ 0.0000, 0.0000,
0.0000

■ 207.0970, 7.5170,
12.4530

■ 235.5100, 7.7920,
12.9760

254.4130, 0.2750,

0.5230

■ 77.5590, 6.0960,
10.6720

■ 77.5590, 6.0960,
10.6720

■ 72.2760, 8.5710,
15.3790

■ 82.8420, 3.6210,
5.9650

■ 66.8790, 11.3670,
19.7750

■ 88.2390, 0.8250,
1.5690

■ 61.5960, 13.8420,
24.4820

■ 93.5220, -1.6500,
-3.1380

■ 56.1990, 16.6380,
28.8780

■ 98.9190, -4.4460,
-7.5340

■ 50.9160, 19.1130,
33.5850

■ 104.2020, -6.9210,
-12.2410

■ 45.5190, 21.9090,
37.9810

■ 109.5990, -9.7170,
-16.6370

■ 40.2360, 24.3840,
42.6880

■ 114.8820,
-12.1920, -21.3440

■ 36.7140, 26.0340,
45.8260

■ 120.1650,
-14.6670, -26.0510

■ 125.5620,
-17.4630, -30.4470

Harmonies

Analogous

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



76.6330, -5.9160, 8.1000



77.5590, 6.0960, 10.6720



77.4090, 15.2660, 9.6820

Triad

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



77.5590, 6.0960, 10.6720



74.9660, 14.5350, -4.6090



69.5990, -26.9120, -7.8720

Complementary

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



77.5590, 6.0960, 10.6720



81.4410, -6.0960, -10.6720

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.



70.3240, -18.8880, -10.1200



77.5590, 6.0960, 10.6720



73.7690, 4.7240, -8.5240

Square

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



77.5590, 6.0960, 10.6720



75.8790, 19.3940, 0.9460



72.2560, -7.0130, -10.5730



70.7610, -27.1880, -2.8680

Rectangle

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



77.5590, 6.0960, 10.6720



77.0950, 19.0260, 7.6180



72.2560, -7.0130, -10.5730



69.4420, -25.0320, -8.9040

Sweetspot

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



77.5590, 6.0960, 10.6720



112.3040, 2.2000, 4.1840



71.6930, -6.1450, 6.7430



55.9510, 1.6960, 2.3040



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5590, 6.0960, 10.6720



97.5150, 9.3960, 16.9480



76.4190, 9.3060, 7.5620



43.0650, 1.3750, 2.6150



44.7460, 32.1760, 55.6640



96.6270, 68.7060, 120.5300

Inverse Universe

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



77.5590, 6.0960, 10.6720



97.5150, 9.3960, 16.9480



82.5810, -9.3060, -7.5620



43.0650, 1.3750, 2.6150



44.7460, 32.1760, 55.6640



96.6270, 68.7060, 120.5300

Previews

White Background



This preview shows how the YIQ color 77.5590, 6.0960, 10.6720 looks on a white background.

Color Contrast Check

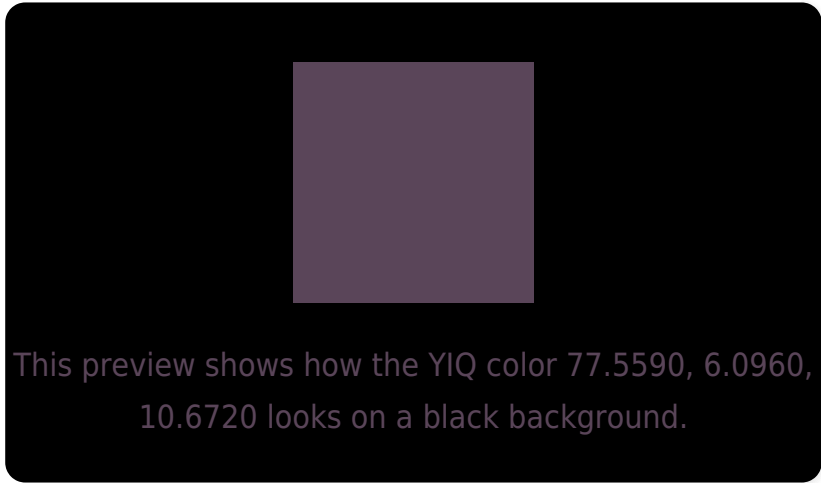
Large Text (above 18pt) WCAG AA ✓ Pass

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

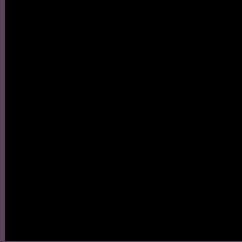
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.5590, 6.0960, 10.6720

Background



This preview shows how black text looks on a background with the YIQ color 77.5590, 6.0960, 10.6720.



This preview shows how white text looks on a background with the YIQ color 77.5590, 6.0960,

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

77.5590, 6.0960, 10.6720

Protanopia

76.1550, -7.5660, 4.9620

Deuteranopia

76.4930, -2.7060, 4.9900



Tritanopia

76.7670, 8.2060, 5.4700

Trichromacy



Original Color

77.5590, 6.0960, 10.6720

Protanomaly

76.9600, -2.5230, 7.1810

Deuteranomaly

76.8140, 0.8240, 7.0960

Tritanomaly

76.9350, 7.7930, 7.4490

Monochromacy



Original Color

77.5590, 6.0960, 10.6720

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.8910, 1.9250, 3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.5590, 6.0960, 10.6720 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(90, 69, 89)` looks like.

```
.text, #text, p{  
    color:rgb(90, 69, 89)  
}
```

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(90, 69, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 69, 89) }
```

Border

The CSS property to change the border of an element to YIQ 77.5590, 6.0960, 10.6720 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(90, 69, 89) }
```


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

```
.border{ border-color:rgb(90, 69, 89) }
```

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

Here you see how a box with a 4 pixel rgb(90, 69, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 69, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 69, 89);  
box-shadow:4px 4px 4px 4px rgb(90, 69, 89)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.5590, 6.0960, 10.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 69, 89) }
```

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

```
.background{ background-color: rgb(90, 69,  
89) }
```

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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