

Converting Colors

YIQ(76.0640, 3.1160, 9.6120)

Have a look what the booklet for
YIQ(76.0640, 3.1160, 9.6120)
contains.

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Color

YIQ(76.0640, 3.1160, 9.6120)

Conversions

Conversions Part 1

Format	Color
Hex	554559
RGB	85, 69, 89
RGB Percent	33%, 27%, 35%
CMY	0.6666, 0.7294, 0.6510
CMYK	0.04, 0.22, 0.00, 0.65
HSL	288°, 13%, 31%
HSV	288°, 22%, 35%
XYZ	7.6783, 6.9086, 10.3798
YIQ	76.0640, 3.1160, 9.6120

Conversions

Conversions Part 2

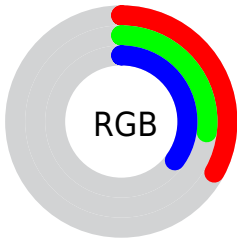
Format	Color
RYB	85, 69, 89
Decimal	5588313
CIELab	31.60, 10.98, -9.30
CIElCh	32, 14.390, 319.747
Yxy	6.9086, 0.3075, 0.2767
Android (android.graphics.Color)	4283778393 (0xFF554559)
YUV	76.0640, 6.3774, 7.8369
Hunter-Lab	26.2842, 6.1475, -5.0151

Details

The YIQ color **76.0640, 3.1160, 9.6120** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **81.9360, -3.1160, -9.6120**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.8900, 3.6660, 10.6580**, and **32.1240, 2.8870, 8.2550** is the 20% darker color. If you saturate the color by 10%, you get **70.1830, 4.3990, 13.8950**, and if you desaturate by 10%, it is **81.9450, 1.8330, 5.3290**.

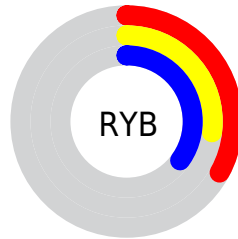
Distribution



Red (33%)

Green (27%)

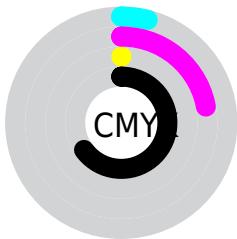
Blue (35%)



Red (33%)

Yellow (27%)

Blue (35%)

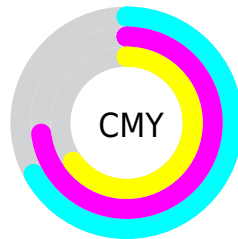


Cyan (4%)

Magenta (22%)

Yellow (0%)

Black (65%)



Cyan (67%)

Magenta (73%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.0640, 3.1160, 9.6120 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 76.0640, 3.1160, 9.6120 by changing the saturation by 10% instead.

■ 76.0640, 3.1160,
9.6120

■ 76.0640, 3.1160,
9.6120

■ 255.0000, -0.0000,
-0.0000

■ 53.6510, 2.8410,
9.0890

■ 124.8900, 3.6660,
10.6580

■ 32.1240, 2.8870,
8.2550

■ 150.8900, 3.6660,
10.6580

■ 8.6020, 4.5370,
11.3930

■ 177.3030, 3.9410,
11.1810

■ 0.0000, 0.0000,
0.0000

■ 205.3030, 3.9410,
11.1810

■ 233.4170, 3.6200,
11.4920

■ 253.8260, 0.5500,

1.0460

■ 76.0640, 3.1160,
9.6120

■ 76.0640, 3.1160,
9.6120

■ 70.1830, 4.3990,
13.8950

■ 81.9450, 1.8330,
5.3290

■ 64.3020, 5.6820,
18.1780

■ 87.8260, 0.5500,
1.0460

■ 58.7200, 7.5610,
22.6730

■ 93.4080, -1.3290,
-3.4490

■ 52.8390, 8.8440,
26.9560

■ 99.2890, -2.6120,
-7.7320

■ 46.9580, 10.1270,
31.2390

■ 104.5830, -3.6200,
-11.4920

■ 41.6640, 11.1350,
34.9990

■ 110.4640, -4.9030,
-15.7750

■ 36.0820, 13.0140,
39.4940

■ 116.0460, -6.7820,
-20.2700

■ 31.3750, 13.7470,
42.7310

■ 121.9270, -8.0650,
-24.5530

■ 127.8080, -9.3480,
-28.8360

Harmonies

Analogous

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



74.9100, -8.2540, 6.4180



76.0640, 3.1160, 9.6120



75.8540, 12.5150, 9.9790

Triad

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



76.0640, 3.1160, 9.6120



73.9060, 14.7640, -3.2520



69.1540, -24.1610, -8.1690

Complementary

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



76.0640, 3.1160, 9.6120



81.9360, -3.1160, -9.6120

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.



69.8900, -14.6700, -9.4700



76.0640, 3.1160, 9.6120



73.0790, 6.7870, -7.3650

Square

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



76.0640, 3.1160, 9.6120



75.2210, 18.4310, 1.8790



71.6370, -3.7120, -9.8240



69.6040, -25.3080, -3.9000

Rectangle

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



76.0640, 3.1160, 9.6120



75.8390, 16.8710, 8.1270



71.6370, -3.7120, -9.8240



69.2960, -21.6850, -8.9890

Sweetspot

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



76.0640, 3.1160, 9.6120



109.7060, 1.0080, 3.7600



73.6280, -7.5200, 4.1280



55.7660, 0.7790, 2.4030



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.



76.0640, 3.1160, 9.6120



95.0090, 4.9490, 14.9410



76.5760, 7.4260, 8.5940



40.3530, 0.5040, 1.8800



37.9120, 16.9090, 51.5090



83.0020, 36.6130, 112.9410

Inverse Universe

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



75.4360, 10.6360, 5.4840



93.9530, 16.5500, 8.4380



81.4240, -7.4260, -8.5940



40.3100, 2.0630, 1.1590



34.3870, 57.0310, 29.2150



75.6230, 124.9730, 64.4370

Previews

White Background



This preview shows how the YIQ color 76.0640, 3.1160, 9.6120 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 YIQ color 76.0640, 3.1160, 9.6120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

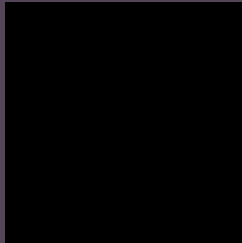
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.0640, 3.1160, 9.6120

Background



This preview shows how black text looks on a background with the YIQ color 76.0640, 3.1160, 9.6120.

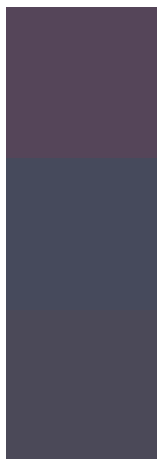


This preview shows how white text looks on a background with the YIQ color 76.0640, 3.1160, 9.6120.

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

76.0640, 3.1160, 9.6120

Protanopia

74.8560, -8.1620, 4.7500

Deuteranopia

75.3080, -3.6230, 5.0890



Tritanopia

75.2720, 5.2260, 4.4100

Trichromacy



Original Color

76.0640, 3.1160, 9.6120

Protanomaly

75.0630, -4.3110, 6.5450

Deuteranomaly

75.9170, -0.9640, 6.4600

Tritanomaly

75.4400, 4.8130, 6.3890

Monochromacy



Original Color

76.0640, 3.1160, 9.6120

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.7060, 1.0080, 3.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.0640, 3.1160, 9.6120 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(85, 69, 89)` looks like.

```
.text, #text, p{  
    color:rgb(85, 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(85, 69, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 69, 89) }
```

Border

The CSS property to change the border of an element to YIQ 76.0640, 3.1160, 9.6120 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(85, 69, 89) }
```

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

```
.border{ border-color:rgb(85, 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(85, 69, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 69, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 69, 89);  
box-shadow:4px 4px 4px 4px rgb(85, 69, 89)  
}
```


Background

The CSS property to change the background color of an element to YIQ 76.0640, 3.1160, 9.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 69, 89) }
```

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

```
.background{ background-color: rgb(85, 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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