

Converting Colors

YIQ(76.6090, -84.4570, 16.3030)

Have a look what the booklet for
YIQ(76.6090, -84.4570, 16.3030)
contains.

| | |
|------------------------------------------------|----|
| YIQ(76.6090, -84.4570, 16.3030) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(76.6090, -84.4570,
16.3030)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0659C6 |
| RGB | 6, 89, 198 |
| RGB Percent | 2%, 35%, 78% |
| CMY | 0.9764, 0.6508, 0.2239 |
| CMYK | 0.97, 0.55, 0.00, 0.22 |
| HSL | 214°, 94%, 40% |
| HSV | 214°, 97%, 78% |
| XYZ | 13.8307, 11.2614, 54.8061 |
| YIQ | 76.6090, -84.4570, 16.3030 |

Conversions

Conversions Part 2

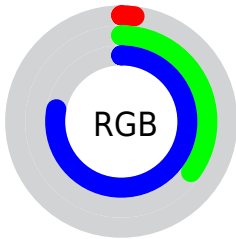
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 6, 64, 198 |
| Decimal | 416198 |
| CIE Lab | 40.02, 21.54, -62.51 |
| CIE LCh | 40, 66.118, 289.009 |
| Yxy | 11.2614, 0.1731, 0.1409 |
| Android (android.graphics.Color) | 4278606278 (0xFF0659C6) |
| YUV | 76.6090, 59.8458, -61.9241 |
| Hunter-Lab | 33.5580, 14.8410, -73.3403 |

Details

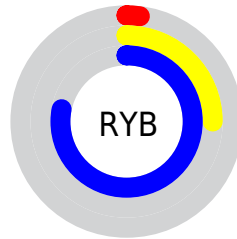
The YIQ color **76.6090, -84.4570, 16.3030** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **127.3910, 84.4570, -16.3030**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.6770, -60.8010, 28.1190**, and **42.7170, -58.2780, 20.9380** is the 20% darker color. If you saturate the color by 10%, you get **73.0540, -87.2080, 16.6000**, and if you desaturate by 10%, it is **89.0460, -75.5620, 14.7900**.

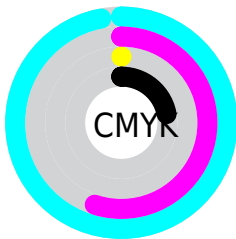
Distribution



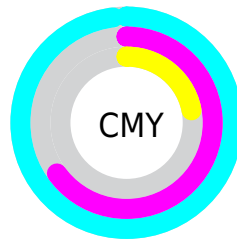
- Red (2%)
- Green (35%)
- Blue (78%)



- Red (2%)
- Yellow (25%)
- Blue (78%)



- Cyan (97%)
- Magenta (55%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.6090, -84.4570, 16.3030 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 76.6090, -84.4570, 16.3030 by changing the saturation by 10% instead.

■ 76.6090, -84.4570,
16.3030

■ 76.6090, -84.4570,
16.3030

■ 255.0000, -0.0000,
-0.0000

■ 58.1220, -72.7200,
18.3520

■ 139.6770,
-60.8010, 28.1190

■ 42.7170, -58.2780,
20.9380

■ 164.2080,
-49.4750, 21.0930

■ 28.6000, -44.7070,
22.7890

■ 189.3260,
-38.4240, 13.5440

■ 10.3740, -29.2110,
28.3010

■ 215.0310,
-27.6480, 5.4720

■ 11.7470, -23.4320,
17.1760

■ 240.4370,
-17.4680, -2.8120

■ 6.7770, -14.9490,
12.1150

■ 254.4020, -1.1920,

■ 3.0950, -7.3370,

-0.4240

6.3190

■ 0.0000, 0.0000,
0.0000

■ 76.6090, -84.4570,
16.3030

■ 76.6090, -84.4570,
16.3030

■ 73.0540, -87.2080,
16.6000

■ 89.0460, -75.5620,
14.7900

■ 101.4830,
-66.6670, 13.2770

■ 114.2080,
-58.6430, 11.0290

■ 126.6450,
-49.7480, 9.5160

■ 139.0820,
-40.8530, 8.0030

■ 151.5190,
-31.9580, 6.4900

■ 164.5430,
-23.3380, 4.4540

■ 176.6810,
-15.0390, 2.7290

■ 189.1180, -6.1440,
1.2160

Harmonies

Analogous

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



85.8370, -94.2670, 6.8610



76.6090, -84.4570, 16.3030



95.1070, 11.8660, 49.2900

Triad

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



76.6090, -84.4570, 16.3030



84.2610, 82.8480, 7.3600



76.3000, -55.0120, -38.2760

Complementary

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



76.6090, -84.4570, 16.3030



127.3910, 84.4570, -16.3030

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.



65.8410, -32.4510, -56.1870



76.6090, -84.4570, 16.3030



89.3630, 55.2970, -16.4710

Square

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



76.6090, -84.4570, 16.3030



73.9490, 85.4080, 49.0880



84.6910, 21.4180, -35.7500



83.2710, -73.2630, -21.3830

Rectangle

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



76.6090, -84.4570, 16.3030



85.7650, 48.3600, 59.7200



84.6910, 21.4180, -35.7500



73.5470, -48.6380, -43.6620

Sweetspot

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



76.6090, -84.4570, 16.3030



208.2200, -32.5540, 6.2780



131.1300, -87.7890, -66.5170



99.2830, -19.6700, 4.0580



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



76.6090, -84.4570, 16.3030



93.6400, -112.1050, 21.7750



31.7750, -53.8840, 62.4680



93.3740, -3.9890, 0.7070



60.2590, -71.8480, 13.5600



12.9090, -15.6810, 3.3510

Inverse Universe

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



72.8700, 87.7890, 66.5170



88.7850, 116.6700, 88.2700



172.2250, 53.8840, -62.4680



93.1470, 4.0800, 3.1520



56.8310, 74.3570, 56.6370



12.4740, 16.6410, 12.2970

Previews

White Background



This preview shows how the YIQ color 76.6090, -84.4570, 16.3030 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 × Fail

Black Background



This preview shows how the YIQ color 76.6090, -84.4570, 16.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

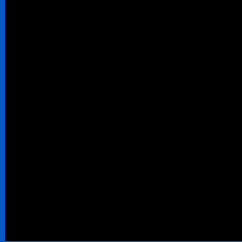
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.6090, -84.4570, 16.3030

Background



This preview shows how black text looks on a background with the YIQ color 76.6090, -84.4570, 16.3030.



This preview shows how white text looks on a background with the YIQ color 76.6090, -84.4570,

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

76.6090, -84.4570, 16.3030

Protanopia

74.7180, -86.3820, 12.6420

Deuteranopia

75.2760, -79.6860, 1.4180



Tritanopia

73.7020, -64.2310, -19.8710

Trichromacy



Original Color

76.6090, -84.4570, 16.3030

Protanomaly

75.5440, -85.8320, 13.6880

Deuteranomaly

75.4810, -81.5210, 7.1430

Tritanomaly

75.0130, -71.9360, -6.8800

Monochromacy



Original Color

76.6090, -84.4570, 16.3030

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.5900, -30.7200, 6.0800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.6090, -84.4570, 16.3030 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(6, 89, 198)` looks like.

```
.text, #text, p{  
    color:rgb(6, 89, 198)  
}
```

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(6, 89, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 89, 198) }
```

Border

The CSS property to change the border of an element to YIQ 76.6090, -84.4570, 16.3030 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(6, 89, 198) }
```


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

```
.border{ border-color:rgb(6, 89, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 89, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 89, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 89, 198);  
box-shadow:4px 4px 4px 4px rgb(6, 89, 198)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.6090, -84.4570, 16.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 89, 198) }
```

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

```
.background{ background-color: rgb(6, 89,  
198) }
```

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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