

Converting Colors

YIQ(78.3630, -74.2360, 34.8200)

Have a look what the booklet for
YIQ(78.3630, -74.2360, 34.8200)
contains.

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Color

**YIQ(78.3630, -74.2360,
34.8200)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 1D4CDC |
| RGB | 29, 76, 220 |
| RGB Percent | 11%, 30%, 86% |
| CMY | 0.8862, 0.7019, 0.1377 |
| CMYK | 0.87, 0.65, 0.00, 0.14 |
| HSL | 225°, 77%, 49% |
| HSV | 225°, 87%, 86% |
| XYZ | 15.9969, 10.5946, 68.8401 |
| YIQ | 78.3630, -74.2360, 34.8200 |

Conversions

Conversions Part 2

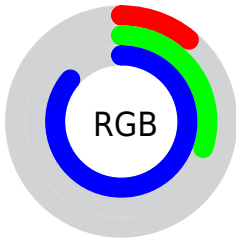
| Format | Color |
|--|--|
| <code>RYB</code> | <code>29, 67, 220</code> |
| Decimal | <code>1920220</code> |
| CIELab | <code>38.89, 39.47, -77.02</code> |
| CIElCh | <code>39, 86.543, 297.133</code> |
| Yxy | <code>10.5946, 0.1676, 0.1110</code> |
| Android (<code>android.graphics.Color</code>) | <code>4280110300 (0xFF1D4CDC)</code> |
| YUV | <code>78.3630, 69.8270, -43.2914</code> |
| Hunter-Lab | <code>32.5494, 30.7654, -102.6105</code> |




Details

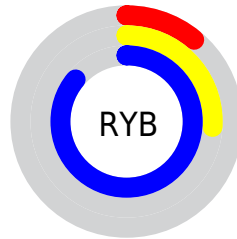
The YIQ color **78.3630, -74.2360, 34.8200** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **170.6370, 74.2360, -34.8200**, and the grayscale version is **78.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **135.9330, -49.4780, 37.6740**, and **38.0670, -61.7190, 33.7450** is the 20% darker color. If you saturate the color by 10%, you get **61.8060, -82.6730, 39.0470**, and if you desaturate by 10%, it is **94.9200, -65.7990, 30.5930**.

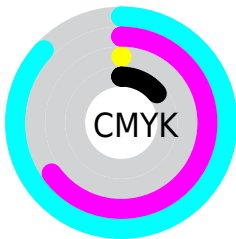
Distribution







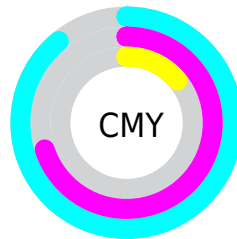
-  Red (11%)
-  Green (30%)
-  Blue (86%)






-  Red (11%)
-  Yellow (26%)
-  Blue (86%)



-  Cyan (87%)
-  Magenta (65%)
-  Yellow (0%)
-  Black (14%)



-  Cyan (89%)
-  Magenta (70%)
-  Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.3630, -74.2360, 34.8200 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 78.3630, -74.2360, 34.8200 by changing the saturation by 10% instead.

■ 78.3630, -74.2360,
34.8200

■ 78.3630, -74.2360,
34.8200

■ 255.0000, -0.0000,
-0.0000

■ 53.4720, -76.1610,
31.1590

■ 135.9330,
-49.4780, 37.6740

■ 37.9530, -61.3980,
33.4340

■ 161.0620,
-36.9600, 31.0720

■ 24.8960, -48.0560,
33.9280

■ 185.5930,
-25.6340, 24.0460

■ 12.5400, -35.3100,
34.2100

■ 211.2980,
-14.8580, 15.9740

■ 16.7340, -30.5850,
20.1590

■ 237.3020, -3.4860,
8.1140

■ 10.3620, -20.9100,
15.5220

■ 5.5060, -12.7480,

10.7720

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 78.3630, -74.2360,
34.8200

■ 78.3630, -74.2360,
34.8200

■ 61.8060, -82.6730,
39.0470

■ 94.9200, -65.7990,
30.5930

■ 56.7780, -85.4700,
40.1780

■ 110.8900,
-57.0870, 26.8890

■ 127.4470,
-48.6500, 22.6620

■ 143.4170,
-39.9380, 18.9580

■ 159.9740,
-31.5010, 14.7310

■ 175.9440,
-22.7890, 11.0270

■ 192.5010,
-14.3520, 6.8000

■ 209.0580, -5.9150,
2.5730

■ 225.0280, 2.7970,
-1.1310

Harmonies

Analogous

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



88.5390, -104.6310, 18.4810



78.3630, -74.2360, 34.8200



68.4160, 43.1740, 87.6380

Triad

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



78.3630, -74.2360, 34.8200



79.2940, 87.2490, 10.2010



78.1410, -58.8180, -35.3780

Complementary

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



78.3630, -74.2360, 34.8200



170.6370, 74.2360, -34.8200

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.



66.9180, -31.3500, -59.6220



78.3630, -74.2360, 34.8200



86.3510, 46.4030, -20.4850

Square

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



78.3630, -74.2360, 34.8200



63.9750, 108.8820, 53.1860



75.0900, -2.0550, -45.3750



86.9360, -82.2050, -13.5090

Rectangle

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



78.3630, -74.2360, 34.8200



72.8540, 76.6910, 80.4270



75.0900, -2.0550, -45.3750



74.5900, -50.1970, -42.9410

Sweetspot

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



78.3630, -74.2360, 34.8200



205.9160, -25.5860, 12.1580



157.4190, -98.4280, -55.4200



98.4300, -15.5900, 7.2100



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.



78.3630, -74.2360, 34.8200



66.0510, -99.1800, 46.3560



65.1260, -32.7030, 69.5770



101.4280, -4.0810, 2.3750



44.9630, -67.3580, 31.3140



11.7010, -17.7910, 8.5530

Inverse Universe

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



91.4670, 98.7490, 55.1090



83.4270, 131.7570, 73.6530



183.8740, 32.7030, -69.5770



102.5170, 5.9140, 2.9540



56.6290, 89.3050, 50.0490



15.0080, 23.8850, 13.1730

Previews

White Background



This preview shows how the YIQ color 78.3630, -74.2360, 34.8200 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 78.3630, -74.2360, 34.8200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

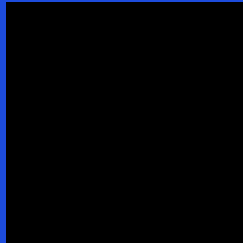
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.3630, -74.2360, 34.8200

Background



This preview shows how black text looks on a background with the YIQ color 78.3630, -74.2360, 34.8200.



This preview shows how white text looks on a background with the YIQ color 78.3630, -74.2360,

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

78.3630, -74.2360, 34.8200

Protanopia

72.7460, -83.5850, 11.5110

Deuteranopia

72.6030, -76.2930, 0.4990



Tritanopia

71.4850, -62.1220, -19.5460

Trichromacy



Original Color

78.3630, -74.2360, 34.8200

Protanomaly

75.1690, -80.1020, 19.9780

Deuteranomaly

74.9920, -75.4700, 13.1220

Tritanomaly

74.1650, -66.2520, 0.2440

Monochromacy



Original Color

78.3630, -74.2360, 34.8200

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.9590, -27.1450, 12.8790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.3630, -74.2360, 34.8200 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(29, 76, 220)` looks like.

```
.text, #text, p{  
    color:rgb(29, 76, 220)  
}
```

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(29, 76, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 76, 220) }
```

Border

The CSS property to change the border of an element to YIQ 78.3630, -74.2360, 34.8200 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(29, 76, 220) }
```


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

```
.border{ border-color:rgb(29, 76, 220) }
```

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

Here you see how a box with a 4 pixel rgb(29, 76, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 76, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 76, 220);  
box-shadow:4px 4px 4px 4px rgb(29, 76,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 78.3630, -74.2360, 34.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 76, 220) }
```

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

```
.background{ background-color: rgb(29, 76,  
220) }
```

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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