

Converting Colors

YIQ(30.2320, -74.1040, 65.4800)

Have a look what the booklet for
YIQ(30.2320, -74.1040, 65.4800)
contains.

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Color

**YIQ(30.2320, -74.1040,
65.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	0008E0
RGB	0, 8, 224
RGB Percent	0%, 3%, 88%
CMY	0.9997, 0.9687, 0.1220
CMYK	1.00, 0.96, 0.00, 0.12
HSL	238°, 100%, 44%
HSV	238°, 100%, 88%
XYZ	13.5258, 5.5494, 70.7956
YIQ	30.2320, -74.1040, 65.4800

Conversions

Conversions Part 2

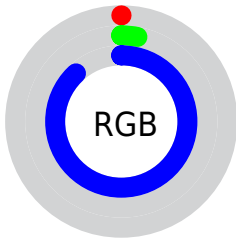
Format	Color
R_{YB}	0, 8, 224
Decimal	2272
CIE _{Lab}	28.25, 70.33, -96.98
CIE _{LCh}	28, 119.796, 305.949
Yxy	5.5494, 0.1505, 0.0617
Android (android.graphics.Color)	4278192352 (0xFF0008E0)
YUV	30.2320, 95.5276, -26.5135
Hunter-Lab	23.5571, 61.2647, -161.6928

Details

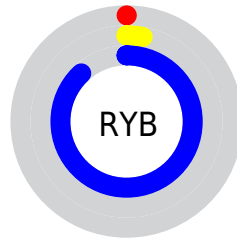
The YIQ color **30.2320, -74.1040, 65.4800** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **193.7680, 74.1040, -65.4800**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **103.6480, -34.3530, 66.4390**, and **19.0380, -53.6070, 51.9370** is the 20% darker color. If you saturate the color by 10%, you get **30.2320, -74.1040, 65.4800**, and if you desaturate by 10%, it is **49.7240, -67.0420, 58.6380**.

Distribution



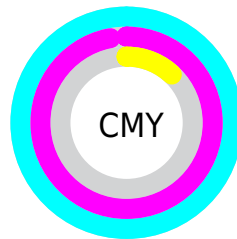
- Red (0%)
- Green (3%)
- Blue (88%)



- Red (0%)
- Yellow (3%)
- Blue (88%)



- Cyan (100%)
- Magenta (96%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (97%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.2320, -74.1040, 65.4800 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 30.2320, -74.1040, 65.4800 by changing the saturation by 10% instead.

■ 30.2320, -74.1040,
65.4800

■ 30.2320, -74.1040,
65.4800

■ 255.0000, -0.0000,
-0.0000

■ 22.2300, -62.5950,
60.6450

■ 103.6480,
-34.3530, 66.4390

■ 19.0380, -53.6070,
51.9370

■ 129.3750,
-20.6430, 60.2610

■ 15.8460, -44.6190,
43.2290

■ 154.7920, -8.9960,
52.9240

■ 16.2900, -37.6020,
31.6940

■ 181.0950, 2.9720,
45.2760

■ 16.9620, -31.2270,
20.7810

■ 206.5120, 14.6190,
37.9390

■ 10.7040, -21.8730,
16.4550


■ 226.8240, 13.2000,

■ 6.3210, -13.6650,


25.1040


10.8710


 243.8470, 5.2250,
9.9370


 2.5250, -5.7320,
4.7640

 0.0000, 0.0000,
0.0000

 30.2320, -74.1040,
65.4800

 49.7240, -67.0420,
58.6380

 68.9280, -59.1090,
52.5310

 88.4200, -52.0470,
45.6890

 107.6240,
-44.1140, 39.5820

■ 127.1160,
-37.0520, 32.7400

■ 146.6080,
-29.9900, 25.8980

■ 165.8120,
-22.0570, 19.7910

■ 185.3040,
-14.9950, 12.9490

■ 204.5080, -7.0620,
6.8420

Harmonies

Analogous

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



77.2040, -104.4050, 36.4190



30.2320, -74.1040, 65.4800



69.7520, 59.5430, 82.8310

Triad

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



30.2320, -74.1040, 65.4800



46.5450, 79.7730, 24.5490



63.5800, -52.2640, -21.9920

Complementary

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



30.2320, -74.1040, 65.4800



193.7680, 74.1040, -65.4800

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.



52.8300, -24.7500, -47.0700



30.2320, -74.1040, 65.4800



61.4110, 19.8110, -23.1410

Square

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



30.2320, -74.1040, 65.4800



56.2120, 112.0480, 39.8560



49.8950, -23.3750, -44.4550



76.5300, -83.2170, 4.8390

Rectangle

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



30.2320, -74.1040, 65.4800



70.8710, 95.2160, 69.5840



49.8950, -23.3750, -44.4550



59.2310, -41.3960, -31.7320

Sweetspot

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



30.2320, -74.1040, 65.4800



188.8380, -24.9460, 22.5900



155.7700, -129.9730, -50.9090



87.8310, -15.0410, 13.7830



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.



30.2320, -74.1040, 65.4800



34.3530, -84.3300, 74.5980



55.7350, -11.7080, 91.0760



102.2540, -3.5310, 3.4210



23.5860, -58.1460, 51.5980



6.6460, -15.9580, 13.8820

Inverse Universe

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



67.8880, 130.9360, 49.9760



77.2710, 149.0910, 56.8590



168.2650, 11.7080, -91.0760



104.2890, 6.5560, 2.3320



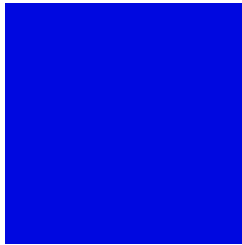
53.3080, 102.9700, 39.1780



14.5800, 27.9660, 10.7980

Previews

White Background



This preview shows how the YIQ color 30.2320, -74.1040, 65.4800 looks on a white background.

Color Contrast Check

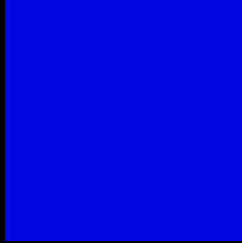
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2320, -74.1040, 65.4800 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 30.2320, -74.1040, 65.4800

Background



This preview shows how black text looks on a background with the YIQ color 30.2320, -74.1040, 65.4800.



This preview shows how white text looks on a background with the YIQ color 30.2320, -74.1040,

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

30.2320, -74.1040, 65.4800

Protanopia

54.3600, -62.1270, 8.0890

Deuteranopia

54.3140, -56.4860, -0.5340



Tritanopia

53.0310, -45.9840, -14.6560

Trichromacy



Original Color

30.2320, -74.1040, 65.4800

Protanomaly

45.6810, -66.6240, 29.0240

Deuteranomaly

45.2590, -62.6800, 23.6240

Tritanomaly

44.9850, -56.3970, 14.3790

Monochromacy



Original Color

30.2320, -74.1040, 65.4800

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

30.1090, -27.1470, 23.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.2320, -74.1040, 65.4800 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(0, 8, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 8, 224)  
}
```

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(0, 8, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 8, 224) }
```

Border

The CSS property to change the border of an element to YIQ 30.2320, -74.1040, 65.4800 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(0, 8, 224) }
```


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

```
.border{ border-color:rgb(0, 8, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 8, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 8, 224); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 8, 224); box-shadow:4px  
4px 4px 4px rgb(0, 8, 224) }
```

Background

The CSS property to change the background color of an element to YIQ 30.2320, -74.1040, 65.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 8, 224) }
```

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

```
.background{ background-color: rgb(0, 8,  
224) }
```

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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