

Converting Colors

YIQ(30.5200, -65.8070, 74.8090)

Have a look what the booklet for
YIQ(30.5200, -65.8070, 74.8090)
contains.

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Color

**YIQ(30.5200, -65.8070,
74.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	0E00E7
RGB	14, 0, 231
RGB Percent	5%, 0%, 91%
CMY	0.9447, 1.0000, 0.0946
CMYK	0.94, 1.00, 0.00, 0.09
HSL	244°, 100%, 45%
HSV	244°, 100%, 91%
XYZ	14.5898, 5.8569, 75.8798
YIQ	30.5200, -65.8070, 74.8090

Conversions

Conversions Part 2

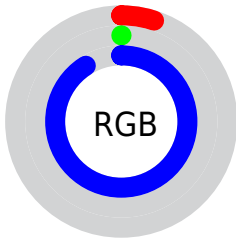
Format	Color
R_{YB}	14, 0, 231
Decimal	917735
CIE Lab	29.05, 73.54, -99.65
CIE LCh	29, 123.846, 306.428
Yxy	5.8569, 0.1515, 0.0608
Android (android.graphics.Color)	4279107815 (0xFF0E00E7)
YUV	30.5200, 98.8366, -14.4880
Hunter-Lab	24.2010, 65.2581, -168.9567

Details

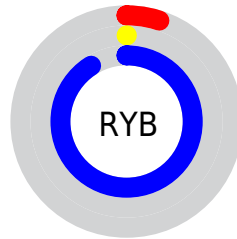
The YIQ color **30.5200, -65.8070, 74.8090** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **200.4800, 65.8070, -74.8090**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **103.9690, -30.8230, 68.5450**, and **19.7220, -55.5330, 53.8030** is the 20% darker color. If you saturate the color by 10%, you get **30.5200, -65.8070, 74.8090**, and if you desaturate by 10%, it is **50.5990, -59.0200, 67.4440**.

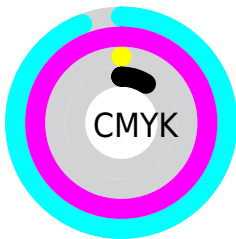
Distribution



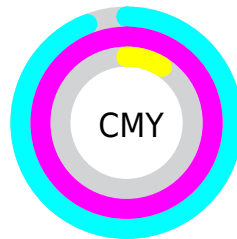
- Red (5%)
- Green (0%)
- Blue (91%)



- Red (5%)
- Yellow (0%)
- Blue (91%)



- Cyan (94%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)



- Cyan (94%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.5200, -65.8070, 74.8090 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 30.5200, -65.8070, 74.8090 by changing the saturation by 10% instead.

■ 30.5200, -65.8070,
74.8090

■ 30.5200, -65.8070,
74.8090

■ 255.0000, -0.0000,
-0.0000

■ 23.0280, -64.8420,
62.8220

■ 103.9690,
-30.8230, 68.5450

■ 19.7220, -55.5330,
53.8030

■ 129.9840,
-17.9840, 61.6320

■ 16.6440, -46.8660,
45.4060

■ 155.7000, -5.7410,
54.5070

■ 15.3270, -39.0240,
35.4400

■ 182.0030, 6.2270,
46.8590

■ 18.8200, -33.7030,
21.6010

■ 208.0070, 17.5990,
38.9990

■ 12.4480, -24.0280,
16.9640


■ 226.2370, 13.4750,


■ 6.8910, -15.2700,


25.6270


12.4260


 243.2600, 5.5000,
10.4600


 3.2090, -7.6580,
6.6300


 0.0000, 0.0000,
0.0000

 30.5200, -65.8070,
74.8090

 50.5990, -59.0200,
67.4440

 70.3790, -52.8290,
59.8670

 90.4580, -46.0420,
52.5020

 110.5370,
-39.2550, 45.1370

■ 130.3170,
-33.0640, 37.5600

■ 150.9830,
-26.5520, 29.6720

■ 171.0620,
-19.7650, 22.3070

■ 191.1410,
-12.9780, 14.9420

■ 210.9210, -6.7870,
7.3650

Harmonies

Analogous

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



78.3780, -104.9550, 35.3730



30.5200, -65.8070, 74.8090



72.1870, 62.7520, 85.2480

Triad

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



30.5200, -65.8070, 74.8090



48.6160, 81.0110, 24.1390



65.7970, -54.3730, -22.3170

Complementary

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



30.5200, -65.8070, 74.8090



200.4800, 65.8070, -74.8090

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.



54.0040, -25.3000, -48.1160



30.5200, -65.8070, 74.8090



62.5850, 19.2610, -24.1870

Square

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



30.5200, -65.8070, 74.8090



57.7070, 115.0280, 40.9160



51.6560, -24.2000, -46.0240



78.6160, -86.3350, 6.2810

Rectangle

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



30.5200, -65.8070, 74.8090



73.0780, 99.0670, 71.3790



51.6560, -24.2000, -46.0240



61.3340, -43.1840, -32.3680

Sweetspot

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



30.5200, -65.8070, 74.8090



188.8600, -22.0120, 24.4840



154.8870, -134.3760, -42.6960



87.8420, -13.5740, 14.7300



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.



30.5200, -65.8070, 74.8090



33.8540, -72.3190, 82.6970



64.3070, 1.5410, 98.7650



104.6670, -3.2560, 3.9440



23.6950, -50.9030, 58.0010



6.7110, -14.5830, 16.4970

Inverse Universe

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



93.8070, 68.0190, 116.4590



103.4910, 75.2610, 128.3890



166.6930, -1.5410, -98.7650



107.8420, 3.6210, 5.9650



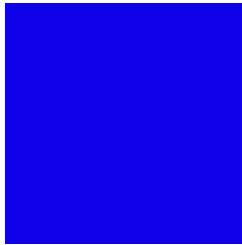
72.6730, 52.7560, 90.1960



20.7210, 14.9880, 25.7400

Previews

White Background



This preview shows how the YIQ color 30.5200, -65.8070, 74.8090 looks on a white background.

Color Contrast Check

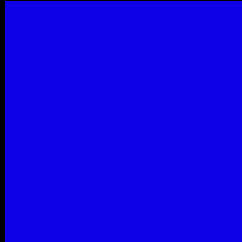
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5200, -65.8070, 74.8090 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 30.5200, -65.8070, 74.8090

Background



This preview shows how black text looks on a background with the YIQ color 30.5200, -65.8070, 74.8090.



This preview shows how white text looks on a background with the YIQ color 30.5200, -65.8070,

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

30.5200, -65.8070, 74.8090

Protanopia

56.1040, -64.2820, 8.5980

Deuteranopia

55.9440, -58.3200, -0.3360



Tritanopia

55.0200, -47.4510, -15.6030

Trichromacy



Original Color

30.5200, -65.8070, 74.8090

Protanomaly

46.5720, -64.6990, 32.6850

Deuteranomaly

46.7370, -61.0300, 26.7620

Tritanomaly

46.3490, -54.4260, 17.2060

Monochromacy



Original Color

30.5200, -65.8070, 74.8090

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

31.0710, -23.9840, 27.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.5200, -65.8070, 74.8090 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(14, 0, 231)` looks like.

```
.text, #text, p{  
    color:rgb(14, 0, 231)  
}
```

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(14, 0, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 0, 231) }
```

Border

The CSS property to change the border of an element to YIQ 30.5200, -65.8070, 74.8090 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(14, 0, 231) }
```


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

```
.border{ border-color:rgb(14, 0, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 0, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 0, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 0, 231);  
box-shadow:4px 4px 4px 4px rgb(14, 0, 231)  
}
```

Background

The CSS property to change the background color of an element to YIQ 30.5200, -65.8070, 74.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 0, 231) }
```

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

```
.background{ background-color: rgb(14, 0,  
231) }
```

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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