

Converting Colors

YIQ(75.0430, -88.6750, 15.6530)

Have a look what the booklet for
YIQ(75.0430, -88.6750, 15.6530)
contains.

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Color

**YIQ(75.0430, -88.6750,
15.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	0059C8
RGB	0, 89, 200
RGB Percent	0%, 35%, 78%
CMY	0.9998, 0.6508, 0.2161
CMYK	1.00, 0.55, 0.00, 0.22
HSL	213°, 100%, 39%
HSV	213°, 100%, 78%
XYZ	13.9878, 11.3159, 56.0221
YIQ	75.0430, -88.6750, 15.6530

Conversions

Conversions Part 2

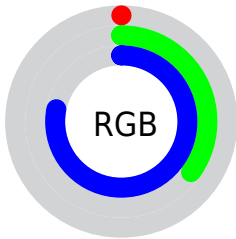
Format	Color
RYB	0, 62, 200
Decimal	22984
CIELab	40.11, 22.14, -63.52
CIELCh	40, 67.272, 289.214
Yxy	11.3159, 0.1720, 0.1391
Android (android.graphics.Color)	4278213064 (0xFF0059C8)
YUV	75.0430, 61.6038, -65.8127
Hunter-Lab	33.6392, 15.3550, -75.1932

Details

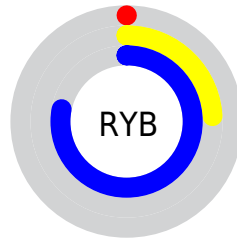
The YIQ color **75.0430, -88.6750, 15.6530** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **124.9570, 88.6750, -15.6530**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.3780, -61.3970, 27.9070**, and **42.9450, -58.9200, 21.5600** is the 20% darker color. If you saturate the color by 10%, you get **75.0430, -88.6750, 15.6530**, and if you desaturate by 10%, it is **87.4800, -79.7800, 14.1400**.

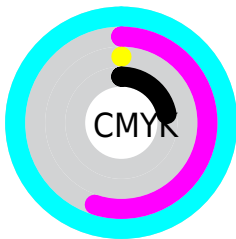
Distribution



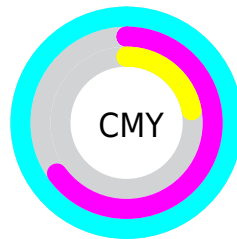
- Red (0%)
- Green (35%)
- Blue (78%)



- Red (0%)
- Yellow (24%)
- Blue (78%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.0430, -88.6750, 15.6530 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 75.0430, -88.6750, 15.6530 by changing the saturation by 10% instead.

■ 75.0430, -88.6750,
15.6530

■ 75.0430, -88.6750,
15.6530

■ 255.0000, -0.0000,
-0.0000

■ 58.3500, -73.3620,
18.9740

■ 139.3780,
-61.3970, 27.9070

■ 42.9450, -58.9200,
21.5600

■ 164.2080,
-49.4750, 21.0930

■ 28.7140, -45.0280,
23.1000

■ 189.3260,
-38.4240, 13.5440

■ 10.6020, -29.8530,
28.9230

■ 214.7320,
-28.2440, 5.2600

■ 12.4480, -24.0280,
16.9640

■ 240.4370,
-17.4680, -2.8120

■ 6.8910, -15.2700,
12.4260

■ 254.4020, -1.1920,

■ 3.3230, -7.9790,

-0.4240

6.9410

■ 0.0000, 0.0000,
0.0000

■ 75.0430, -88.6750,
15.6530

■ 87.4800, -79.7800,
14.1400

■ 99.9170, -70.8850,
12.6270

■ 112.3540,
-61.9900, 11.1140

■ 124.7910,
-53.0950, 9.6010

■ 137.2280,
-44.2000, 8.0880

■ 150.2520,
-35.5800, 6.0520

■ 162.6890,
-26.6850, 4.5390

■ 175.1260,
-17.7900, 3.0260

■ 187.5630, -8.8950,
1.5130

Harmonies

Analogous

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



86.0650, -94.9090, 7.4830



75.0430, -88.6750, 15.6530



94.9330, 12.4160, 50.3360

Triad

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



75.0430, -88.6750, 15.6530



84.2180, 84.4070, 6.6390



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.



75.0430, -88.6750, 15.6530



124.9570, 88.6750, -15.6530

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.



66.0860, -31.7630, -57.6430



75.0430, -88.6750, 15.6530



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.



75.0430, -88.6750, 15.6530



71.7860, 87.4250, 51.0810



84.9790, 20.5470, -36.4850



83.9720, -73.8590, -21.5950

Rectangle

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



75.0430, -88.6750, 15.6530



84.4170, 49.4600, 61.8120



84.9790, 20.5470, -36.4850



73.5470, -48.6380, -43.6620

Sweetspot

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



75.0430, -88.6750, 15.6530



207.6220, -33.7460, 5.8540



129.9400, -90.3100, -70.3900



98.9840, -20.2660, 3.8460



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.



75.0430, -88.6750, 15.6530



95.9880, -113.2050, 19.6830



25.7900, -58.2400, 64.3200



93.3740, -3.9890, 0.7070



61.4330, -72.3980, 12.5140



13.4960, -15.9560, 2.8280

Inverse Universe

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



69.9460, 90.6310, 70.0790



89.2410, 115.3860, 89.5140



174.2100, 58.2400, -64.3200



93.1470, 4.0800, 3.1520



57.0590, 73.7150, 57.2590



12.5880, 16.3200, 12.6080

Previews

White Background



This preview shows how the YIQ color 75.0430, -88.6750, 15.6530 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 75.0430, -88.6750, 15.6530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

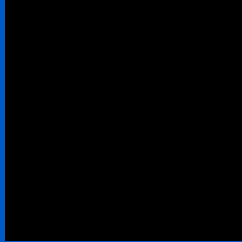
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.0430, -88.6750, 15.6530

Background



This preview shows how black text looks on a background with the YIQ color 75.0430, -88.6750, 15.6530.



This preview shows how white text looks on a background with the YIQ color 75.0430, -88.6750,

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

75.0430, -88.6750, 15.6530

Protanopia

75.4190, -86.9780, 12.4300

Deuteranopia

75.8630, -79.9610, 0.8950



Tritanopia

74.2890, -64.5060, -20.3940

Trichromacy



Original Color

75.0430, -88.6750, 15.6530

Protanomaly

75.1740, -87.6660, 13.8860

Deuteranomaly

75.4700, -82.9880, 6.1960

Tritanomaly

74.4150, -73.1280, -7.3040

Monochromacy



Original Color

75.0430, -88.6750, 15.6530

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.9920, -31.9120, 5.6560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.0430, -88.6750, 15.6530 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, 89, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 200)  
}
```

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, 89, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 200) }
```

Border

The CSS property to change the border of an element to YIQ 75.0430, -88.6750, 15.6530 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, 89, 200) }
```


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

```
.border{ border-color:rgb(0, 89, 200) }
```

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

Here you see how a box with a 4 pixel rgb(0, 89, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 89, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 89, 200)  
}
```

Background

The CSS property to change the background color of an element to YIQ 75.0430, -88.6750, 15.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 200) }
```

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

```
.background{ background-color: rgb(0, 89,  
200) }
```

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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