

Converting Colors

YIQ(75.9380, -92.5730, 20.2190)

Have a look what the booklet for
YIQ(75.9380, -92.5730, 20.2190)
contains.

YIQ(75.9380, -92.5730, 20.2190)	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(75.9380, -92.5730,
20.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	0058D5
RGB	0, 88, 213
RGB Percent	0%, 35%, 84%
CMY	0.9998, 0.6548, 0.1652
CMYK	1.00, 0.59, 0.00, 0.17
HSL	215°, 100%, 42%
HSV	215°, 100%, 83%
XYZ	15.4880, 11.7837, 64.3302
YIQ	75.9380, -92.5730, 20.2190

Conversions

Conversions Part 2

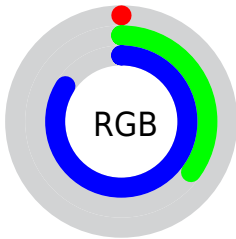
Format	Color
RYB	0, 62, 213
Decimal	22741
CIELab	40.87, 27.97, -69.77
CIELCh	41, 75.167, 291.846
Yxy	11.7837, 0.1691, 0.1286
Android (android.graphics.Color)	4278212821 (0xFF0058D5)
YUV	75.9380, 67.5716, -66.5976
Hunter-Lab	34.3273, 20.4638, -87.0816

Details

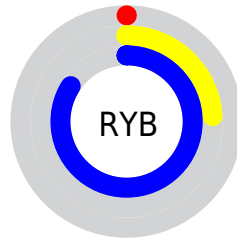
The YIQ color **75.9380, -92.5730, 20.2190** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **137.0620, 92.5730, -20.2190**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.9870, -58.7380, 29.2780**, and **43.7260, -62.4970, 25.8150** is the 20% darker color. If you saturate the color by 10%, you get **75.9380, -92.5730, 20.2190**, and if you desaturate by 10%, it is **89.8480, -83.6320, 17.8720**.

Distribution



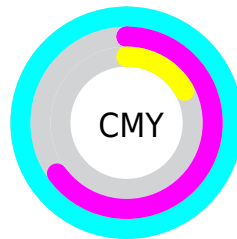
- Red (0%)
- Green (35%)
- Blue (84%)



- Red (0%)
- Yellow (24%)
- Blue (84%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (65%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.9380, -92.5730, 20.2190 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 75.9380, -92.5730, 20.2190 by changing the saturation by 10% instead.

■ 75.9380, -92.5730,
20.2190

■ 75.9380, -92.5730,
20.2190

■ 255.0000, -0.0000,
-0.0000

■ 59.2450, -77.2600,
23.5400

■ 139.9870,
-58.7380, 29.2780

■ 43.7260, -62.4970,
25.8150

■ 165.1160,
-46.2200, 22.6760

■ 30.0820, -48.8800,
26.8320

■ 190.2340,
-35.1690, 15.1270

■ 11.8560, -33.3840,
32.3440

■ 215.9390,
-24.3930, 7.0550

■ 14.8760, -28.1090,
19.3390

■ 241.6440,
-13.6170, -1.0170

■ 9.2050, -19.0300,
14.4900

■ 4.9360, -11.1430,

9.2170

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 75.9380, -92.5730,
20.2190

■ 89.8480, -83.6320,
17.8720

■ 103.4700,
-73.8200, 16.2600

■ 116.7930,
-64.6040, 14.4360

■ 130.7030,
-55.6630, 12.0890

■ 144.0260,
-46.4470, 10.2650

■ 158.2350,
-36.9100, 8.1300

■ 171.5580,
-27.6940, 6.3060

■ 185.4680,
-18.7530, 3.9590

■ 199.0900, -8.9410,
2.3470

Harmonies

Analogous

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



89.6500, -100.8700, 10.8900



75.9380, -92.5730, 20.2190



93.7480, 20.6670, 60.4990

Triad

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



75.9380, -92.5730, 20.2190



84.3110, 88.5790, 8.1230



79.2180, -57.7170, -38.8130

Complementary

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



75.9380, -92.5730, 20.2190



137.0620, 92.5730, -20.2190

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.



68.0920, -31.9000, -60.6680



75.9380, -92.5730, 20.2190



91.1240, 54.4720, -18.0400

Square

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



75.9380, -92.5730, 20.2190



65.4720, 100.3530, 59.0810



85.2340, 15.2750, -40.0610



87.1010, -78.5360, -19.4320

Rectangle

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



75.9380, -92.5730, 20.2190



70.5200, 66.0080, 81.3040



85.2340, 15.2750, -40.0610



76.1230, -50.3800, -45.1320

Sweetspot

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



75.9380, -92.5730, 20.2190



205.8610, -32.9210, 7.4230



139.1670, -98.3790, -72.8350



98.3970, -19.9910, 4.3690



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.



75.9380, -92.5730, 20.2190



90.7050, -110.7300, 24.3900



29.6640, -57.6450, 70.0590



100.1890, -4.9060, 0.8060



61.1710, -74.4160, 16.0480



15.4680, -18.7530, 3.9590

Inverse Universe

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



73.7190, 98.7000, 72.5240



88.2150, 118.2750, 86.7150



183.3360, 57.6450, -70.0590



99.8590, 4.9510, 3.8870



59.2230, 79.1250, 58.3330



14.9090, 19.8500, 14.7140

Previews

White Background



This preview shows how the YIQ color 75.9380, -92.5730, 20.2190 looks on a white background.

Color Contrast Check

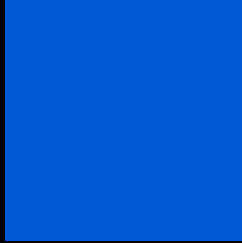
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.9380, -92.5730, 20.2190 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 75.9380, -92.5730, 20.2190

Background



This preview shows how black text looks on a background with the YIQ color 75.9380, -92.5730, 20.2190.



This preview shows how white text looks on a background with the YIQ color 75.9380, -92.5730,

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

75.9380, -92.5730, 20.2190

Protanopia

76.9350, -88.4910, 12.3170

Deuteranopia

77.2650, -81.1530, 0.4710



Tritanopia

75.6910, -65.6980, -20.8180

Trichromacy



Original Color

75.9380, -92.5730, 20.2190

Protanomaly

76.4450, -89.8670, 15.2290

Deuteranomaly

76.7410, -85.1890, 7.5390

Tritanomaly

75.6860, -75.3290, -5.9610

Monochromacy



Original Color

75.9380, -92.5730, 20.2190

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.6760, -33.8380, 7.5220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.9380, -92.5730, 20.2190 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, 88, 213)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 213)  
}
```

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, 88, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 213) }
```

Border

The CSS property to change the border of an element to YIQ 75.9380, -92.5730, 20.2190 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, 88, 213) }
```


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

```
.border{ border-color:rgb(0, 88, 213) }
```

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

Here you see how a box with a 4 pixel rgb(0, 88, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 88, 213);  
box-shadow:4px 4px 4px 4px rgb(0, 88, 213)  
}
```

Background

The CSS property to change the background color of an element to YIQ 75.9380, -92.5730, 20.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 88, 213) }
```

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

```
.background{ background-color: rgb(0, 88,  
213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor