

Converting Colors

YIQ(75.0300, -52.2700, 11.1700)

Have a look what the booklet for
YIQ(75.0300, -52.2700, 11.1700)
contains.

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Color

**YIQ(75.0300, -52.2700,
11.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	205298
RGB	32, 82, 152
RGB Percent	13%, 32%, 60%
CMY	0.8745, 0.6783, 0.4042
CMYK	0.79, 0.46, 0.00, 0.40
HSL	215°, 65%, 36%
HSV	215°, 79%, 60%
XYZ	9.2760, 8.6094, 30.8500
YIQ	75.0300, -52.2700, 11.1700

Conversions

Conversions Part 2

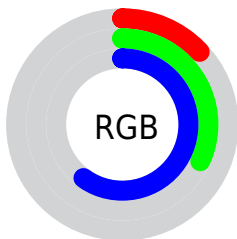
Format	Color
R _Y B	32, 67, 152
Decimal	2118296
CIE Lab	35.22, 9.42, -43.05
CIE LCh	35, 44.067, 282.347
Yxy	8.6094, 0.1903, 0.1767
Android (android.graphics.Color)	4280308376 (0xFF205298)
YUV	75.0300, 37.9462, -37.7373
Hunter-Lab	29.3417, 5.0824, -41.7985

Details

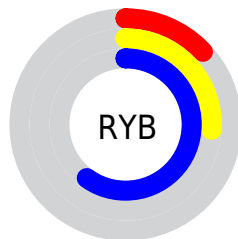
The YIQ color **75.0300, -52.2700, 11.1700** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **108.9700, 52.2700, -11.1700**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.9000, -45.8520, 16.0040**, and **33.7060, -42.5500, 11.2260** is the 20% darker color. If you saturate the color by 10%, you get **65.2620, -58.7350, 12.6970**, and if you desaturate by 10%, it is **84.7980, -45.8050, 9.6430**.

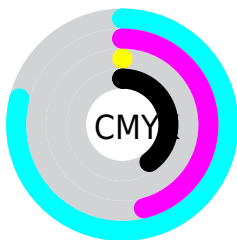
Distribution



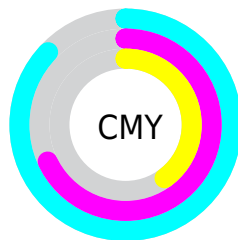
- Red (13%)
- Green (32%)
- Blue (60%)



- Red (13%)
- Yellow (26%)
- Blue (60%)



- Cyan (79%)
- Magenta (46%)
- Yellow (0%)
- Black (40%)



- Cyan (87%)
- Magenta (68%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.0300, -52.2700, 11.1700 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 75.0300, -52.2700, 11.1700 by changing the saturation by 10% instead.

■ 75.0300, -52.2700,
11.1700

■ 75.0300, -52.2700,
11.1700

■ 255.0000, -0.0000,
-0.0000

■ 48.9970, -56.6710,
8.3290

■ 128.9000,
-45.8520, 16.0040

■ 33.7060, -42.5500,
11.2260

■ 156.0250,
-44.7060, 17.2620

■ 19.2300, -29.3460,
14.2220

■ 182.5260,
-41.8630, 15.2970

■ 8.8630, -18.0670,
13.5570

■ 207.0460,
-32.0040, 7.3240

■ 4.5940, -10.1800,
8.2840

■ 232.1530,
-22.4200, -1.1720

■ 0.1140, -0.3210,
0.3110

■ 250.5150, -8.9400,

■ 0.0000, 0.0000,

-3.1800

0.0000

■ 75.0300, -52.2700,
11.1700

■ 75.0300, -52.2700,
11.1700

■ 65.2620, -58.7350,
12.6970

■ 84.7980, -45.8050,
9.6430

■ 55.4940, -65.2000,
14.2240

■ 94.5660, -39.3400,
8.1160

■ 54.3090, -66.1170,
14.3230

■ 104.6330,
-32.2790, 6.8010

■ 113.8140,
-25.5390, 5.7970

■ 123.5820,
-19.0740, 4.2700

■ 133.3500,
-12.6090, 2.7430

■ 143.1180, -6.1440,
1.2160

■ 153.1850, 0.9170,
-0.0990

■ 162.9530, 7.3820,
-1.6260

Harmonies

Analogous

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



71.6910, -73.7250, -1.9890



75.0300, -52.2700, 11.1700



85.5160, -0.3720, 28.7800

Triad

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



75.0300, -52.2700, 11.1700



79.5260, 54.4210, 10.4290



64.3660, -46.2100, -32.5940

Complementary

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



75.0300, -52.2700, 11.1700



108.9700, 52.2700, -11.1700

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.



71.8960, -6.7800, -31.3240



75.0300, -52.2700, 11.1700



78.6320, 47.4100, -11.1980

Square

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



75.0300, -52.2700, 11.1700



79.2230, 51.6210, 28.1410



76.1960, 27.6060, -26.7460



69.1710, -58.3620, -21.6100

Rectangle

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



75.0300, -52.2700, 11.1700



84.0690, 23.0560, 33.7120



76.1960, 27.6060, -26.7460



62.4110, -42.0830, -35.8030

Sweetspot

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



75.0300, -52.2700, 11.1700



166.0980, -20.5870, 4.1570



110.1920, -54.8280, -41.6120



81.2360, -12.2880, 2.4320



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0300, -52.2700, 11.1700



76.9900, -81.1560, 17.0520



48.0720, -33.7520, 39.0160



71.6730, -3.3930, 0.9190



50.5930, -61.1650, 12.6830



4.4170, -5.5480, 1.4280

Inverse Universe

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



73.5800, 55.4700, 40.9900



74.5060, 85.8180, 63.6900



135.9280, 33.7520, -39.0160



71.7340, 3.8050, 2.6290



48.5860, 64.5010, 48.0290



4.4570, 6.1430, 4.3110

Previews

White Background



This preview shows how the YIQ color 75.0300, -52.2700, 11.1700 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 75.0300, -52.2700, 11.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

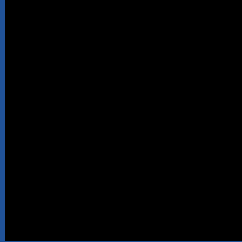
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.0300, -52.2700, 11.1700

Background



This preview shows how black text looks on a background with the YIQ color 75.0300, -52.2700, 11.1700.



This preview shows how white text looks on a background with the YIQ color 75.0300, -52.2700,

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

75.0300, -52.2700, 11.1700

Protanopia

78.4120, -41.5420, 14.9860

Deuteranopia

66.2940, -70.9290, 2.4070



Tritanopia

65.1760, -56.7580, -17.6380

Trichromacy



Original Color

75.0300, -52.2700, 11.1700

Protanomaly

77.3190, -45.7140, 13.5020

Deuteranomaly

69.4090, -63.8230, 5.7850

Tritanomaly

68.6960, -54.9260, -6.7820

Monochromacy



Original Color

75.0300, -52.2700, 11.1700

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.1690, -19.3490, 3.7470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.0300, -52.2700, 11.1700 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(32, 82, 152)` looks like.

```
.text, #text, p{  
    color:rgb(32, 82, 152)  
}
```

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(32, 82, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 82, 152) }
```

Border

The CSS property to change the border of an element to YIQ 75.0300, -52.2700, 11.1700 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(32, 82, 152) }
```


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

```
.border{ border-color:rgb(32, 82, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 82, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 82, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 82, 152);  
box-shadow:4px 4px 4px 4px rgb(32, 82,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 75.0300, -52.2700, 11.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 82, 152) }
```

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

```
.background{ background-color: rgb(32, 82,  
152) }
```

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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