

Converting Colors

YIQ(75.9270, 20.5800, 34.5320)

Have a look what the booklet for
YIQ(75.9270, 20.5800, 34.5320)
contains.

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Color

**YIQ(75.9270, 20.5800,
34.5320)**

Conversions

Conversions Part 1

Format	Color
Hex	753070
RGB	117, 48, 112
RGB Percent	46%, 19%, 44%
CMY	0.5410, 0.8119, 0.5608
CMYK	0.00, 0.59, 0.04, 0.54
HSL	304°, 42%, 32%
HSV	304°, 59%, 46%
XYZ	11.3240, 7.0671, 16.0989
YIQ	75.9270, 20.5800, 34.5320

Conversions

Conversions Part 2

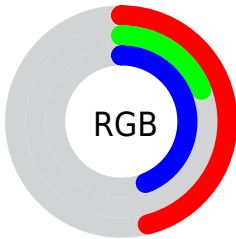
Format	Color
R_{YB}	117, 48, 112
Decimal	7680112
CIE Lab	31.96, 39.31, -23.07
CIE LCh	32, 45.579, 329.594
Yxy	7.0671, 0.3283, 0.2049
Android (android.graphics.Color)	4285870192 (0xFF753070)
YUV	75.9270, 17.7840, 36.0210
Hunter-Lab	26.5840, 29.5135, -17.2963

Details

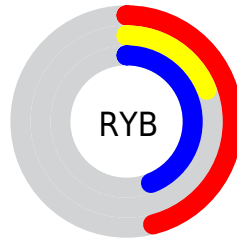
The YIQ color **75.9270, 20.5800, 34.5320** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.0730, -20.5800, -34.5320**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.3510, 22.3220, 36.0020**, and **27.0300, 18.7920, 33.8960** is the 20% darker color. If you saturate the color by 10%, you get **68.7690, 24.2010, 40.4970**, and if you desaturate by 10%, it is **83.0850, 16.9590, 28.5670**.

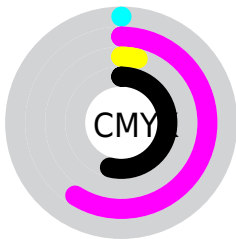
Distribution



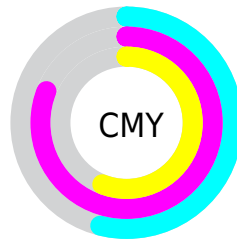
- Red (46%)
- Green (19%)
- Blue (44%)



- Red (46%)
- Yellow (19%)
- Blue (44%)



- Cyan (0%)
- Magenta (59%)
- Yellow (4%)
- Black (54%)



- Cyan (54%)
- Magenta (81%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.9270, 20.5800, 34.5320 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 75.9270, 20.5800, 34.5320 by changing the saturation by 10% instead.

75.9270, 20.5800,
34.5320

75.9270, 20.5800,
34.5320

255.0000, -0.0000,
-0.0000

50.0410, 20.2590,
34.8430

127.3510, 22.3220,
36.0020

27.0300, 18.7920,
33.8960

154.0630, 23.1930,
36.7370

17.9440, 12.7420,
22.3900

181.7750, 24.0640,
37.4720

2.8780, -5.2280,
6.6440

209.0030, 23.4220,
38.0940

0.0000, 0.0000,
0.0000

226.2370, 13.4750,
25.6270

243.2600, 5.5000,

10.4600

■ 75.9270, 20.5800,
34.5320

■ 75.9270, 20.5800,
34.5320

■ 68.7690, 24.2010,
40.4970

■ 83.0850, 16.9590,
28.5670

■ 62.1980, 27.5470,
45.9390

■ 89.6560, 13.6130,
23.1250

■ 55.0400, 31.1680,
51.9040

■ 96.8140, 9.9920,
17.1600

■ 47.9960, 34.4680,
58.1800

■ 103.8580, 6.6920,
10.8840

■ 47.4090, 34.7430,
58.7030

■ 111.0160, 3.0710,
4.9190

■ 117.5870, -0.2750,
-0.5230

■ 124.7450, -3.8960,
-6.4880

■ 131.9030, -7.5170,
-12.4530

■ 138.4740,
-10.8630, -17.8950

Harmonies

Analogous

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



76.0020, -19.5360, 23.6640



75.9270, 20.5800, 34.5320



70.8730, 47.0350, 34.1630

Triad

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



75.9270, 20.5800, 34.5320



70.3590, 34.7570, -18.6750



65.9570, -60.3350, -13.3830

Complementary

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



75.9270, 20.5800, 34.5320



89.0730, -20.5800, -34.5320

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.



61.8530, -48.7790, -24.5790



75.9270, 20.5800, 34.5320



65.4650, 10.5510, -31.5370

Square

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



75.9270, 20.5800, 34.5320



71.1260, 52.1310, -3.1410



56.3470, -36.0310, -35.3510



67.2740, -68.1770, -3.4170

Rectangle

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



75.9270, 20.5800, 34.5320



69.6100, 54.7850, 25.8650



56.3470, -36.0310, -35.3510



64.5890, -56.4830, -17.1150

Sweetspot

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



75.9270, 20.5800, 34.5320



136.3360, 8.3420, 14.0220



57.3610, -19.1690, 22.5190



66.7930, 5.3170, 8.2690



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



75.9270, 20.5800, 34.5320



88.1050, 32.5430, 54.5190



72.0510, 31.4940, 23.9580



55.3640, 1.9710, 2.8270



49.3600, 36.4390, 61.0070



101.1980, 74.5280, 125.1520

Inverse Universe

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



75.9270, 20.5800, 34.5320



88.1050, 32.5430, 54.5190



92.9490, -31.4940, -23.9580



55.3640, 1.9710, 2.8270



49.3600, 36.4390, 61.0070



101.1980, 74.5280, 125.1520

Previews

White Background



This preview shows how the YIQ color 75.9270, 20.5800, 34.5320 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

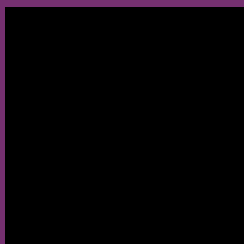
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.9270, 20.5800, 34.5320

Background



This preview shows how black text looks on a background with the YIQ color 75.9270, 20.5800, 34.5320.



This preview shows how white text looks on a background with the YIQ color 75.9270, 20.5800,

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

75.9270, 20.5800, 34.5320

Protanopia

73.1800, -35.0770, 13.4590

Deuteranopia

75.6580, -16.2320, 7.8320



Tritanopia

76.7050, 29.1120, 12.0560

Trichromacy



Original Color

75.9270, 20.5800, 34.5320

Protanomaly

74.4600, -15.1340, 20.9780

Deuteranomaly

75.6970, -2.8000, 17.7120

Tritanomaly

76.3060, 26.2220, 20.3820

Monochromacy



Original Color

75.9270, 20.5800, 34.5320

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.0970, 7.5170, 12.4530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.9270, 20.5800, 34.5320 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(117, 48, 112)` looks like.

```
.text, #text, p{  
    color:rgb(117, 48, 112)  
}
```

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(117, 48, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 48, 112) }
```

Border

The CSS property to change the border of an element to YIQ 75.9270, 20.5800, 34.5320 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(117, 48, 112) }
```


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

```
.border{ border-color:rgb(117, 48, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 48, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 48, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 48, 112);  
box-shadow:4px 4px 4px 4px rgb(117, 48,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 75.9270, 20.5800, 34.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 48, 112) }
```

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

```
.background{ background-color: rgb(117, 48,  
112) }
```

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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