

Converting Colors

YIQ(95.5390, -24.4010, 51.2710)

Have a look what the booklet for
YIQ(95.5390, -24.4010, 51.2710)
contains.

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Color

**YIQ(95.5390, -24.4010,
51.2710)**

Conversions

Conversions Part 1

Format	Color
Hex	6845D2
RGB	104, 69, 210
RGB Percent	41%, 27%, 82%
CMY	0.5920, 0.7295, 0.1767
CMYK	0.50, 0.67, 0.00, 0.18
HSL	255°, 61%, 55%
HSV	255°, 67%, 82%
XYZ	19.4675, 11.8507, 62.1998
YIQ	95.5390, -24.4010, 51.2710

Conversions

Conversions Part 2

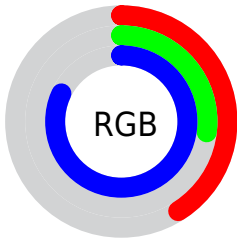
Format	Color
R_{YB}	104, 69, 210
Decimal	6833618
CIE _{Lab}	40.98, 49.14, -67.71
CIE _{LCh}	41, 83.662, 305.969
Yxy	11.8507, 0.2082, 0.1267
Android (android.graphics.Color)	4285023698 (0xFF6845D2)
YUV	95.5390, 56.4293, 7.4203
Hunter-Lab	34.4248, 40.6999, -83.0296

Details

The YIQ color **95.5390, -24.4010, 51.2710** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **183.4610, 24.4010, -51.2710**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.2470, -17.7070, 51.1010**, and **40.6580, -32.2860, 45.4900** is the 20% darker color. If you saturate the color by 10%, you get **78.4280, -28.1620, 58.8620**, and if you desaturate by 10%, it is **112.6500, -20.6400, 43.6800**.

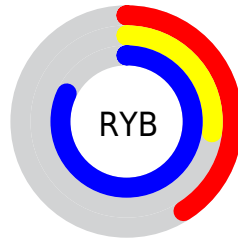
Distribution



Red (41%)

Green (27%)

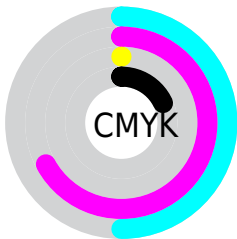
Blue (82%)



Red (41%)

Yellow (27%)

Blue (82%)

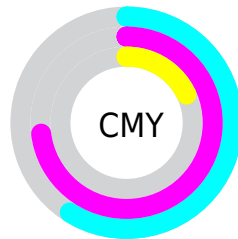


Cyan (50%)

Magenta (67%)

Yellow (0%)

Black (18%)



Cyan (59%)

Magenta (73%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.5390, -24.4010, 51.2710 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 95.5390, -24.4010, 51.2710 by changing the saturation by 10% instead.

95.5390, -24.4010,
51.2710

95.5390, -24.4010,
51.2710

255.0000, -0.0000,
-0.0000

68.9900, -27.2890,
48.5430

148.2470,
-17.7070, 51.1010

40.6580, -32.2860,
45.4900

172.4790, -6.9770,
43.8630

14.4780, -40.7670,
39.4970

196.9990, 2.8820,
35.8900

11.6280, -32.7420,
31.7220

222.7040, 13.6580,
27.8180

9.2510, -24.6710,
23.1130

239.7380, 7.1500,
13.5980

8.9770, -18.3880,
13.8680

4.5940, -10.1800,

8.2840

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 95.5390, -24.4010,
51.2710

■ 95.5390, -24.4010,
51.2710

■ 78.4280, -28.1620,
58.8620

■ 112.6500,
-20.6400, 43.6800

■ 61.6160, -31.3270,
66.6650

■ 129.7610,
-16.8790, 36.0890

■ 44.5050, -35.0880,
74.2560

■ 146.5730,
-13.7140, 28.2860

■ 39.4880, -36.4180,
76.3340

■ 163.6840, -9.9530,
20.6950

■ 180.7950, -6.1920,
13.1040

■ 197.9060, -2.4310,
5.5130

■ 214.7180, 0.7340,
-2.2900

■ 231.8290, 4.4950,
-9.8810

■ 247.1790, 9.0810,
-15.9030

Harmonies

Analogous

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



87.3650, -104.0810, 19.5270



95.5390, -24.4010, 51.2710



72.8710, 60.8260, 87.1140

Triad

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



95.5390, -24.4010, 51.2710



89.2290, 76.7060, -2.4780



84.6270, -68.8140, -30.4300

Complementary

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



95.5390, -24.4010, 51.2710



183.4610, 24.4010, -51.2710

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.



74.3160, -43.9140, -52.1860



95.5390, -24.4010, 51.2710



89.8070, 35.9510, -29.3050

Square

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



95.5390, -24.4010, 51.2710



61.2540, 112.2300, 47.5740



69.9190, -23.9230, -56.5550



92.3790, -90.6420, -9.2820

Rectangle

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



95.5390, -24.4010, 51.2710



74.0200, 87.7870, 77.5710



69.9190, -23.9230, -56.5550



81.3040, -60.8350, -37.3710

Sweetspot

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



95.5390, -24.4010, 51.2710



213.7010, -8.6230, 18.6170



148.4700, -74.9610, -12.6330



102.9260, -5.1830, 11.3370



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.



95.5390, -24.4010, 51.2710



87.1460, -35.4550, 75.4010



115.8710, 16.1270, 65.6870



96.1510, -1.7430, 4.0570



31.7100, -28.8960, 61.1520



7.6640, -7.2010, 14.8710

Inverse Universe

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



123.2430, 50.0100, 62.8580



127.6770, 73.2960, 92.4000



163.1290, -16.1270, -65.6870



98.2010, 3.9880, 4.8200



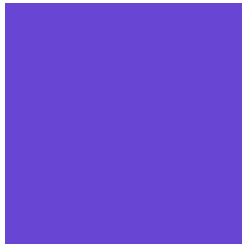
64.5960, 59.6820, 74.8020



15.7930, 14.4850, 18.3330

Previews

White Background



This preview shows how the YIQ color 95.5390, -24.4010, 51.2710 looks on a white background.

Color Contrast Check

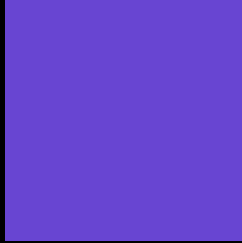
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.5390, -24.4010, 51.2710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

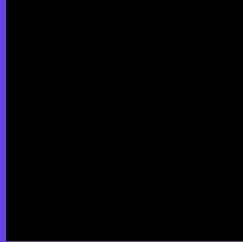
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.5390, -24.4010, 51.2710

Background



This preview shows how black text looks on a background with the YIQ color 95.5390, -24.4010, 51.2710.



This preview shows how white text looks on a background with the YIQ color 95.5390, -24.4010,

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

95.5390, -24.4010, 51.2710

Protanopia

77.0490, -88.8120, 12.6280

Deuteranopia

77.4930, -81.7950, 1.0930



Tritanopia

93.8390, -18.6600, -3.2360

Trichromacy



Original Color

95.5390, -24.4010, 51.2710

Protanomaly

83.6980, -65.2940, 26.9460

Deuteranomaly

84.1080, -60.9370, 19.5670

Tritanomaly

94.3020, -20.6810, 16.8790

Monochromacy



Original Color

95.5390, -24.4010, 51.2710

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.7010, -8.6230, 18.6170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.5390, -24.4010, 51.2710 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(104, 69, 210)` looks like.

```
.text, #text, p{  
    color:rgb(104, 69, 210)  
}
```

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(104, 69, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 69, 210) }
```

Border

The CSS property to change the border of an element to YIQ 95.5390, -24.4010, 51.2710 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(104, 69, 210) }
```


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

```
.border{ border-color:rgb(104, 69, 210) }
```

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

Here you see how a box with a 4 pixel rgb(104, 69, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 69, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 69, 210);  
box-shadow:4px 4px 4px 4px rgb(104, 69,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 95.5390, -24.4010, 51.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 69, 210) }
```

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

```
.background{ background-color: rgb(104, 69,  
210) }
```

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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