

Converting Colors

YIQ(93.0550, -17.8870, 32.3290)

Have a look what the booklet for
YIQ(93.0550, -17.8870, 32.3290)
contains.

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Color

**YIQ(93.0550, -17.8870,
32.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	604DA8
RGB	96, 77, 168
RGB Percent	38%, 30%, 66%
CMY	0.6234, 0.6981, 0.3413
CMYK	0.43, 0.54, 0.00, 0.34
HSL	253°, 37%, 48%
HSV	253°, 54%, 66%
XYZ	14.5445, 10.6207, 38.3116
YIQ	93.0550, -17.8870, 32.3290

Conversions

Conversions Part 2

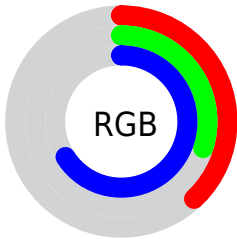
Format	Color
R_{YB}	96, 77, 168
Decimal	6311336
CIE Lab	38.93, 30.65, -46.48
CIE LCh	39, 55.679, 303.404
Yxy	10.6207, 0.2291, 0.1673
Android (android.graphics.Color)	4284501416 (0xFF604DA8)
YUV	93.0550, 36.9479, 2.5828
Hunter-Lab	32.5894, 22.6321, -46.8878

Details

The YIQ color **93.0550, -17.8870, 32.3290** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **151.9450, 17.8870, -32.3290**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.2340, -16.8330, 35.2550**, and **44.1530, -21.2790, 27.7210** is the 20% darker color. If you saturate the color by 10%, you get **79.1890, -20.9600, 38.4640**, and if you desaturate by 10%, it is **106.9210, -14.8140, 26.1940**.

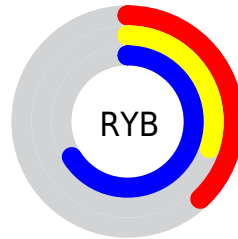
Distribution



Red (38%)

Green (30%)

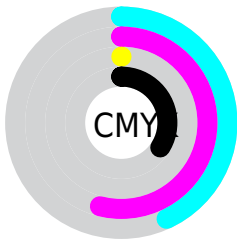
Blue (66%)



Red (38%)

Yellow (30%)

Blue (66%)

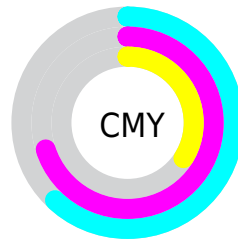


Cyan (43%)

Magenta (54%)

Yellow (0%)

Black (34%)



Cyan (62%)

Magenta (70%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.0550, -17.8870, 32.3290 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 93.0550, -17.8870, 32.3290 by changing the saturation by 10% instead.

■ 93.0550, -17.8870,
32.3290

■ 93.0550, -17.8870,
32.3290

■ 255.0000, -0.0000,
-0.0000

■ 68.4030, -18.9870,
30.2370

■ 145.2340,
-16.8330, 35.2550

■ 44.1530, -21.2790,
27.7210

■ 172.1740,
-16.6040, 36.6120

■ 17.9130, -29.5310,
23.0850

■ 196.6230, -7.9830,
29.0490

■ 7.5240, -21.1860,
20.5260

■ 221.1430, 1.8760,
21.0760

■ 6.6630, -14.6280,
11.8040

■ 243.2600, 5.5000,
10.4600

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,

0.0000

■ 93.0550, -17.8870,
32.3290

■ 93.0550, -17.8870,
32.3290

■ 79.1890, -20.9600,
38.4640

■ 106.9210,
-14.8140, 26.1940

■ 65.0240, -24.6290,
44.3870

■ 121.0860,
-11.1450, 20.2710

■ 51.7450, -27.9770,
49.9990

■ 134.3650, -7.7970,
14.6590

■ 37.8790, -31.0500,
56.1340

■ 148.2310, -4.7240,
8.5240

■ 29.6170, -33.0680,
59.6680

■ 162.0970, -1.6510,
2.3890

■ 176.2620, 2.0180,
-3.5340

■ 190.1280, 5.0910,
-9.6690

■ 203.4070, 8.4390,
-15.2810

■ 217.5720, 12.1080,
-21.2040

Harmonies

Analogous

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



77.2140, -85.1430, 6.7050



93.0550, -17.8870, 32.3290



90.8240, 31.5360, 45.2320

Triad

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



93.0550, -17.8870, 32.3290



85.8960, 64.2820, -8.5980



76.6880, -61.6160, -28.7200

Complementary

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



93.0550, -17.8870, 32.3290



151.9450, 17.8870, -32.3290

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.



69.4550, -45.3830, -42.0790



93.0550, -17.8870, 32.3290



85.4100, 38.7470, -24.9090

Square

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



93.0550, -17.8870, 32.3290



84.7010, 70.4660, 22.5140



78.4010, 7.4350, -41.1490



81.2310, -75.7860, -14.2020

Rectangle

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



93.0550, -17.8870, 32.3290



84.9700, 54.5520, 46.6160



78.4010, 7.4350, -41.1490



74.2770, -56.2050, -33.1730

Sweetspot

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



93.0550, -17.8870, 32.3290



190.3820, -6.4670, 12.5810



130.2250, -49.2860, -9.8780



92.5900, -4.3570, 7.3790



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



93.0550, -17.8870, 32.3290



102.1580, -27.7020, 50.5220



106.5100, 8.9330, 41.8690



77.2110, -1.9720, 2.7000



26.1410, -29.0320, 52.6000



3.4760, -4.0360, 7.0680

Inverse Universe

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



112.4170, 31.1240, 41.6840



132.2260, 48.6800, 64.9360



138.4900, -8.9330, -41.8690



79.0760, 2.8420, 3.5620



57.5900, 50.6510, 67.7630



7.8040, 6.7840, 9.2160

Previews

White Background



This preview shows how the YIQ color 93.0550, -17.8870, 32.3290 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 93.0550, -17.8870, 32.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

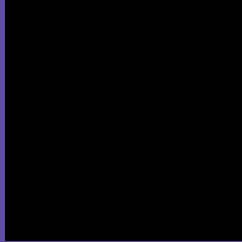
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.0550, -17.8870, 32.3290

Background



This preview shows how black text looks on a background with the YIQ color 93.0550, -17.8870, 32.3290.



This preview shows how white text looks on a background with the YIQ color 93.0550, -17.8870,

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

93.0550, -17.8870, 32.3290

Protanopia

83.2280, -61.3950, 16.8530

Deuteranopia

78.9680, -66.8950, 6.3930



Tritanopia

90.3130, -11.1870, -1.0030

Trichromacy



Original Color

93.0550, -17.8870, 32.3290

Protanomaly

87.0020, -45.8990, 22.3650

Deuteranomaly

83.9320, -48.8780, 15.7780

Tritanomaly

91.3210, -13.6650, 10.8710

Monochromacy



Original Color

93.0550, -17.8870, 32.3290

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.8550, -6.4210, 11.7470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.0550, -17.8870, 32.3290 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(96, 77, 168)` looks like.

```
.text, #text, p{  
    color:rgb(96, 77, 168)  
}
```

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(96, 77, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 77, 168) }
```

Border

The CSS property to change the border of an element to YIQ 93.0550, -17.8870, 32.3290 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(96, 77, 168) }
```


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

```
.border{ border-color:rgb(96, 77, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 77, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 77, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 77, 168);  
box-shadow:4px 4px 4px 4px rgb(96, 77,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 93.0550, -17.8870, 32.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 77, 168) }
```

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

```
.background{ background-color: rgb(96, 77,  
168) }
```

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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