

Converting Colors

YIQ(93.2480, -11.4210, 25.2750)

Have a look what the booklet for
YIQ(93.2480, -11.4210, 25.2750)
contains.

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Color

**YIQ(93.2480, -11.4210,
25.2750)**

Conversions

Conversions Part 1

Format	Color
Hex	625095
RGB	98, 80, 149
RGB Percent	38%, 31%, 58%
CMY	0.6156, 0.6863, 0.4158
CMYK	0.34, 0.46, 0.00, 0.42
HSL	256°, 30%, 45%
HSV	256°, 46%, 58%
XYZ	13.3303, 10.5032, 29.7480
YIQ	93.2480, -11.4210, 25.2750

Conversions

Conversions Part 2

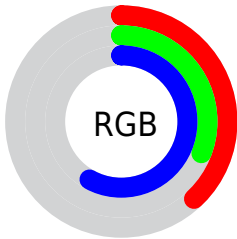
Format	Color
R_{YB}	98, 80, 149
Decimal	6443157
CIE _{Lab}	38.73, 23.87, -35.41
CIE _{LCh}	39, 42.706, 303.982
Yxy	10.5032, 0.2488, 0.1960
Android (android.graphics.Color)	4284633237 (0xFF625095)
YUV	93.2480, 27.4857, 4.1675
Hunter-Lab	32.4087, 16.7050, -31.7362

Details

The YIQ color $93.2480, -11.4210, 25.2750$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $135.7520, 11.4210, -25.2750$, and the grayscale version is $93.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $144.7150, -11.2380, 27.4660$, and $45.7700, -13.0710, 22.1370$ is the 20% darker color. If you saturate the color by 10%, you get $81.1540, -13.8520, 30.7880$, and if you desaturate by 10%, it is $105.3420, -8.9900, 19.7620$.

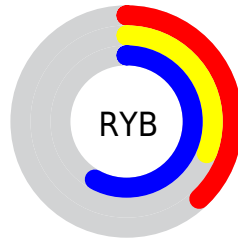
Distribution



Red (38%)

Green (31%)

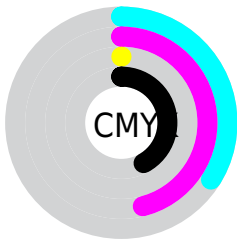
Blue (58%)



Red (38%)

Yellow (31%)

Blue (58%)

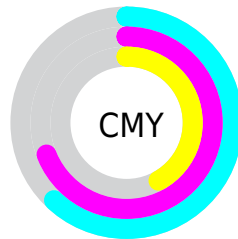


Cyan (34%)

Magenta (46%)

Yellow (0%)

Black (42%)



Cyan (62%)

Magenta (69%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.2480, -11.4210, 25.2750 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 93.2480, -11.4210, 25.2750 by changing the saturation by 10% instead.

■ 93.2480, -11.4210,
25.2750

■ 93.2480, -11.4210,
25.2750

■ 255.0000, -0.0000,
-0.0000

■ 69.3080, -11.6500,
23.9180

■ 144.7150,
-11.2380, 27.4660

■ 45.7700, -13.0710,
22.1370

■ 171.2420,
-11.2840, 28.3000

■ 22.8190, -14.7670,
19.8330

■ 198.0850, -9.4040,
27.2680

■ 5.8140, -16.3710,
15.8610

■ 222.6050, 0.4550,
19.2950

■ 4.3660, -9.5380,
7.6620

■ 245.6080, 4.4000,
8.3680

■ 0.0000, 0.0000,
0.0000

■ 93.2480, -11.4210,
25.2750

■ 93.2480, -11.4210,
25.2750

■ 81.1540, -13.8520,
30.7880

■ 105.3420, -8.9900,
19.7620

■ 69.0600, -16.2830,
36.3010

■ 117.4360, -6.5590,
14.2490

■ 56.9660, -18.7140,
41.8140

■ 129.5300, -4.1280,
8.7360

■ 44.8720, -21.1450,
47.3270

■ 141.6240, -1.6970,
3.2230

■ 33.3650, -23.8510,
52.3170

■ 153.1310, 1.0090,
-1.7670

■ 28.6470, -24.5850,
54.6070

■ 165.2250, 3.4400,
-7.2800

■ 177.3190, 5.8710,
-12.7930

■ 189.4130, 8.3020,

-18.3060

■ 201.5070, 10.7330,
-23.8190

Harmonies

Analogous

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



73.5320, -77.5310, 0.9090



93.2480, -11.4210, 25.2750



93.0260, 24.6150, 32.9910

Triad

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



93.2480, -11.4210, 25.2750



88.6310, 49.1510, -4.2010



74.2260, -60.1950, -26.9390

Complementary

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



93.2480, -11.4210, 25.2750



135.7520, 11.4210, -25.2750

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.



68.3610, -47.8140, -36.5660



93.2480, -11.4210, 25.2750



86.2940, 33.3820, -21.2900

Square

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



93.2480, -11.4210, 25.2750



88.5740, 54.4660, 15.1220



82.6370, 4.3150, -28.6530



77.5150, -70.8340, -15.8420

Rectangle

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



93.2480, -11.4210, 25.2750



90.8830, 41.0750, 32.0430



82.6370, 4.3150, -28.6530



72.2710, -56.0680, -30.1480

Sweetspot

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



93.2480, -11.4210, 25.2750



172.1710, -4.4950, 9.8810



118.3900, -36.4490, -5.7370



83.4330, -2.4770, 6.3470



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



93.2480, -11.4210, 25.2750



106.0970, -17.7050, 40.0470



103.4140, 8.8430, 32.4830



68.0970, -1.6510, 2.3890



26.4960, -22.8420, 50.5500



2.0370, -1.4220, 3.7460

Inverse Universe

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



106.4450, 24.7530, 30.4890



126.7110, 39.2840, 47.9880



125.5860, -8.8430, -32.4830



69.6630, 2.5670, 3.0390



52.8900, 49.5060, 60.9780



3.9020, 3.3920, 4.6080

Previews

White Background



This preview shows how the YIQ color 93.2480, -11.4210, 25.2750 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 93.2480, -11.4210, 25.2750 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 93.2480, -11.4210, 25.2750

Background



This preview shows how black text looks on a background with the YIQ color 93.2480, -11.4210, 25.2750.



This preview shows how white text looks on a background with the YIQ color 93.2480, -11.4210,

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

93.2480, -11.4210, 25.2750

Protanopia

88.3800, -38.5160, 15.2120

Deuteranopia

88.2890, -37.0020, 9.7980



Tritanopia

91.3030, -5.2270, 1.1170

Trichromacy



Original Color

93.2480, -11.4210, 25.2750

Protanomaly

90.1640, -28.9800, 18.6040

Deuteranomaly

90.2410, -27.8790, 15.1690

Tritanomaly

92.2030, -7.5210, 9.6550

Monochromacy



Original Color

93.2480, -11.4210, 25.2750

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.9430, -3.8530, 9.2590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.2480, -11.4210, 25.2750 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(98, 80, 149)` looks like.

```
.text, #text, p{  
    color:rgb(98, 80, 149)  
}
```

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(98, 80, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 80, 149) }
```

Border

The CSS property to change the border of an element to YIQ 93.2480, -11.4210, 25.2750 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(98, 80, 149) }
```


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

```
.border{ border-color:rgb(98, 80, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 80, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 80, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 80, 149);  
box-shadow:4px 4px 4px 4px rgb(98, 80,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 93.2480, -11.4210, 25.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 80, 149) }
```

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

```
.background{ background-color: rgb(98, 80,  
149) }
```

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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