

Converting Colors

YIQ(90.3830, -25.4030, 14.3490)

Have a look what the booklet for
YIQ(90.3830, -25.4030, 14.3490)
contains.

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Color

**YIQ(90.3830, -25.4030,
14.3490)**

Conversions

Conversions Part 1

Format	Color
Hex	4B588F
RGB	75, 88, 143
RGB Percent	29%, 35%, 56%
CMY	0.7059, 0.6549, 0.4394
CMYK	0.48, 0.38, 0.00, 0.44
HSL	229°, 31%, 43%
HSV	229°, 48%, 56%
XYZ	11.3471, 10.4583, 27.3927
YIQ	90.3830, -25.4030, 14.3490

Conversions

Conversions Part 2

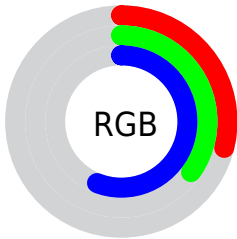
Format	Color
R _Y B	75, 86, 143
Decimal	4937871
CIE Lab	38.65, 10.63, -32.03
CIE LCh	39, 33.745, 288.355
Yxy	10.4583, 0.2306, 0.2126
Android (android.graphics.Color)	4283127951 (0xFF4B588F)
YUV	90.3830, 25.9402, -13.4909
Hunter-Lab	32.3393, 6.0373, -27.5834

Details

The YIQ color $90.3830, -25.4030, 14.3490$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $127.6170, 25.4030, -14.3490$, and the grayscale version is $90.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $141.4370, -25.4950, 16.0170$, and $42.0080, -28.8410, 10.5750$ is the 20% darker color. If you saturate the color by 10%, you get $79.1530, -30.4470, 17.6570$, and if you desaturate by 10%, it is $101.6130, -20.3590, 11.0410$.

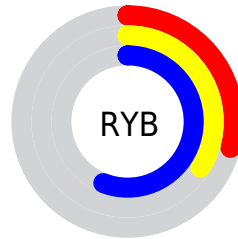
Distribution



Red (29%)

Green (35%)

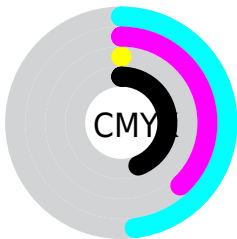
Blue (56%)



Red (29%)

Yellow (34%)

Blue (56%)

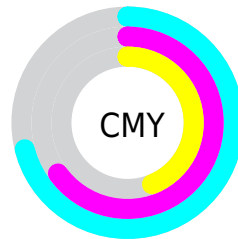


Cyan (48%)

Magenta (38%)

Yellow (0%)

Black (44%)



Cyan (71%)

Magenta (65%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.3830, -25.4030, 14.3490 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 90.3830, -25.4030, 14.3490 by changing the saturation by 10% instead.

■ 90.3830, -25.4030,
14.3490

■ 90.3830, -25.4030,
14.3490

■ 255.0000, -0.0000,
-0.0000

■ 66.1440, -26.2280,
12.7800

■ 141.4370,
-25.4950, 16.0170

■ 42.0080, -28.8410,
10.5750

■ 167.9640,
-25.5410, 16.8510

■ 21.2530, -28.1530,
9.1190

■ 195.4910,
-25.5870, 17.6850

■ 5.2440, -14.7660,
14.3060

■ 220.4130,
-16.9200, 9.2880

■ 3.3230, -7.9790,
6.9410

■ 245.5200, -7.3360,
0.7920

■ 0.0000, 0.0000,
0.0000

■ 90.3830, -25.4030,
14.3490

■ 90.3830, -25.4030,
14.3490

■ 79.1530, -30.4470,
17.6570

■ 101.6130,
-20.3590, 11.0410

■ 68.2110, -36.3620,
20.2300

■ 112.5550,
-14.4440, 8.4680

■ 56.9810, -41.4060,
23.5380

■ 123.7850, -9.4000,
5.1600

■ 46.3380, -46.7250,
26.3230

■ 134.4280, -4.0810,
2.3750

■ 35.1080, -51.7690,
29.6310

■ 145.6580, 0.9630,
-0.9330

■ 32.1510, -53.3280,
30.3520

■ 156.6000, 6.8780,
-3.5060

■ 167.8300, 11.9220,
-6.8140

■ 178.4730, 17.2410,

-9.5990

■ 190.0020, 22.8810,
-12.6950

Harmonies

Analogous

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



73.3550, -72.8990, -5.9470



90.3830, -25.4030, 14.3490



93.8770, 5.6810, 23.7050

Triad

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



90.3830, -25.4030, 14.3490



90.4920, 42.5930, 4.5210



70.0540, -53.9590, -29.8230

Complementary

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



90.3830, -25.4030, 14.3490



127.6170, 25.4030, -14.3490

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.



82.9700, -9.6240, -23.8320



90.3830, -25.4030, 14.3490



89.2700, 33.9300, -9.1900

Square

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



90.3830, -25.4030, 14.3490



90.9240, 41.8570, 17.8650



86.8930, 15.6380, -19.0980



73.8330, -63.2220, -21.6380

Rectangle

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



90.3830, -25.4030, 14.3490



93.6140, 22.5990, 25.4710



86.8930, 15.6380, -19.0980



76.8130, -34.1070, -26.1630

Sweetspot

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



90.3830, -25.4030, 14.3490



165.8990, -9.7210, 5.4710



121.0720, -36.0340, -18.7700



81.5850, -5.9610, 3.4070



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



90.3830, -25.4030, 14.3490



103.8240, -39.5260, 22.5060



88.7320, -9.9080, 25.3880



65.9720, -2.7970, 1.1310



30.6520, -50.4850, 28.3870



1.4990, -2.8430, 1.9650

Inverse Universe

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



96.8140, 36.3550, 18.4590



113.9740, 56.7560, 28.6920



129.2680, 9.9080, -25.3880



66.3210, 3.5300, 2.1060



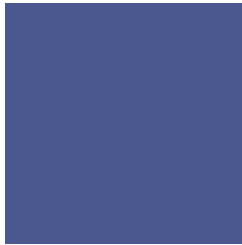
43.3290, 72.1140, 36.7060



2.5060, 4.4470, 2.0070

Previews

White Background



This preview shows how the YIQ color 90.3830, -25.4030, 14.3490 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 90.3830, -25.4030, 14.3490 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 90.3830, -25.4030, 14.3490

Background



This preview shows how black text looks on a background with the YIQ color 90.3830, -25.4030, 14.3490.



This preview shows how white text looks on a background with the YIQ color 90.3830, -25.4030,

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

90.3830, -25.4030, 14.3490

Protanopia

89.5890, -28.9790, 13.0770

Deuteranopia

88.4420, -33.0590, 9.9250



Tritanopia

87.0450, -22.2360, -4.5080

Trichromacy



Original Color

90.3830, -25.4030, 14.3490

Protanomaly

90.1870, -27.7870, 13.5010

Deuteranomaly

89.0510, -30.4000, 11.2960

Tritanomaly

88.0760, -23.5210, 2.2630

Monochromacy



Original Color

90.3830, -25.4030, 14.3490

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.0840, -8.8040, 5.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.3830, -25.4030, 14.3490 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(75, 88, 143)` looks like.

```
.text, #text, p{  
    color:rgb(75, 88, 143)  
}
```

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(75, 88, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 88, 143) }
```

Border

The CSS property to change the border of an element to YIQ 90.3830, -25.4030, 14.3490 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(75, 88, 143) }
```


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

```
.border{ border-color:rgb(75, 88, 143) }
```

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

Here you see how a box with a 4 pixel rgb(75, 88, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 88, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 88, 143);  
box-shadow:4px 4px 4px 4px rgb(75, 88,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 90.3830, -25.4030, 14.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 88, 143) }
```

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

```
.background{ background-color: rgb(75, 88,  
143) }
```

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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