

Converting Colors

YIQ(92.7500, -10.3190, 16.3130)

Have a look what the booklet for
YIQ(92.7500, -10.3190, 16.3130)
contains.

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Color

**YIQ(92.7500, -10.3190,
16.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5584
RGB	93, 85, 132
RGB Percent	36%, 33%, 52%
CMY	0.6352, 0.6667, 0.4824
CMYK	0.30, 0.36, 0.00, 0.48
HSL	250°, 22%, 43%
HSV	250°, 36%, 52%
XYZ	11.9272, 10.4897, 23.2188
YIQ	92.7500, -10.3190, 16.3130

Conversions

Conversions Part 2

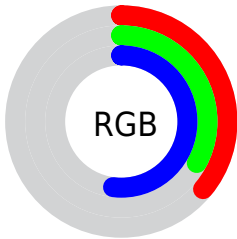
Format	Color
R_{YB}	93, 85, 132
Decimal	6116740
CIE _{Lab}	38.71, 14.52, -25.16
CIE _{LCh}	39, 29.052, 299.980
Yxy	10.4897, 0.2614, 0.2299
Android (android.graphics.Color)	4284306820 (0xFF5D5584)
YUV	92.7500, 19.3502, 0.2193
Hunter-Lab	32.3878, 9.0562, -19.8335

Details

The YIQ color $92.7500, -10.3190, 16.3130$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $124.2500, 10.3190, -16.3130$, and the grayscale version is $93.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $143.3910, -10.6860, 17.4580$, and $46.2830, -10.5020, 14.1220$ is the 20% darker color. If you saturate the color by 10%, you get $81.8300, -13.3000, 20.7800$, and if you desaturate by 10%, it is $103.6700, -7.3380, 11.8460$.

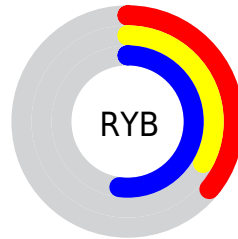
Distribution



Red (36%)

Green (33%)

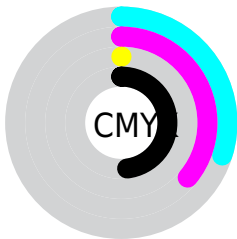
Blue (52%)



Red (36%)

Yellow (33%)

Blue (52%)

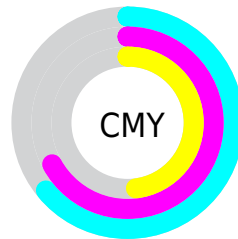


Cyan (30%)

Magenta (36%)

Yellow (0%)

Black (48%)



Cyan (64%)

Magenta (67%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.7500, -10.3190, 16.3130 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 92.7500, -10.3190, 16.3130 by changing the saturation by 10% instead.

■ 92.7500, -10.3190,
16.3130

■ 92.7500, -10.3190,
16.3130

■ 255.0000, -0.0000,
-0.0000

■ 69.2230, -10.2730,
15.4790

■ 143.3910,
-10.6860, 17.4580

■ 46.2830, -10.5020,
14.1220

■ 169.9180,
-10.7320, 18.2920

■ 24.7450, -11.9230,
12.3410

■ 197.4450,
-10.7780, 19.1260

■ 4.2180, -11.8770,
11.5070

■ 223.7350, -5.9630,
14.4610

■ 2.1830, -4.7690,
3.8310

■ 248.5430, 3.0250,
5.7530

■ 0.0000, 0.0000,
0.0000

■ 92.7500, -10.3190,
16.3130

■ 92.7500, -10.3190,
16.3130

■ 81.8300, -13.3000,
20.7800

■ 103.6700, -7.3380,
11.8460

■ 70.9100, -16.2810,
25.2470

■ 114.5900, -4.3570,
7.3790

■ 59.4030, -18.9870,
30.2370

■ 126.0970, -1.6510,
2.3890

■ 48.4830, -21.9680,
34.7040

■ 137.0170, 1.3300,
-2.0780

■ 37.5630, -24.9490,
39.1710

■ 147.9370, 4.3110,
-6.5450

■ 26.6430, -27.9300,
43.6380

■ 158.8570, 7.2920,
-11.0120

■ 21.9250, -28.6640,
45.9280

■ 169.7770, 10.2730,
-15.4790

■ 181.2840, 12.9790,

-20.4690

■ 192.2040, 15.9600,
-24.9360

Harmonies

Analogous

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



86.4580, -39.1560, 4.7800



92.7500, -10.3190, 16.3130



93.6020, 13.7050, 21.4570

Triad

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



92.7500, -10.3190, 16.3130



90.4370, 35.2580, -0.2140



70.7210, -57.2150, -25.8790

Complementary

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



92.7500, -10.3190, 16.3130



124.2500, 10.3190, -16.3130

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.



82.4730, -18.2900, -20.9620



92.7500, -10.3190, 16.3130



89.4260, 24.6230, -11.2250

Square

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



92.7500, -10.3190, 16.3130



91.6690, 37.9610, 11.3770



86.7440, 5.8720, -18.3200



73.4570, -64.9190, -18.4150

Rectangle

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



92.7500, -10.3190, 16.3130



93.4200, 25.9010, 20.6930



86.7440, 5.8720, -18.3200



77.2840, -39.7470, -23.0670

Sweetspot

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



92.7500, -10.3190, 16.3130



155.0630, -4.3110, 6.5450



113.2510, -25.8120, -5.7800



76.9660, -2.6600, 4.1560



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



92.7500, -10.3190, 16.3130



109.3230, -16.0060, 25.7700



99.6270, 3.3890, 21.1890



60.9830, -1.3300, 2.0780



21.3980, -28.6180, 45.0940



0.3420, -0.9630, 0.9330

Inverse Universe

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



103.4990, 15.4930, 22.0930



126.0800, 24.5230, 34.6590



117.3730, -3.3890, -21.1890



62.3640, 1.9710, 2.8270



51.1820, 42.8120, 61.1480



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 92.7500, -10.3190, 16.3130 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 92.7500, -10.3190, 16.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

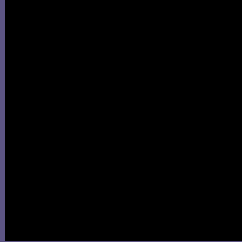
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.7500, -10.3190, 16.3130

Background



This preview shows how black text looks on a background with the YIQ color 92.7500, -10.3190, 16.3130.



This preview shows how white text looks on a background with the YIQ color 92.7500, -10.3190,

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

92.7500, -10.3190, 16.3130

Protanopia

90.7590, -23.7060, 11.1260

Deuteranopia

90.4880, -21.5050, 9.7830



Tritanopia

91.0040, -5.8230, 0.9050

Trichromacy



Original Color

92.7500, -10.3190, 16.3130

Protanomaly

91.5640, -18.6630, 13.3450

Deuteranomaly

91.1080, -17.3790, 12.1010

Tritanomaly

91.5080, -7.0620, 6.8420

Monochromacy



Original Color

92.7500, -10.3190, 16.3130

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.8350, -3.6690, 5.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.7500, -10.3190, 16.3130 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(93, 85, 132)` looks like.

```
.text, #text, p{  
    color:rgb(93, 85, 132)  
}
```

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(93, 85, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 85, 132) }
```

Border

The CSS property to change the border of an element to YIQ 92.7500, -10.3190, 16.3130 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(93, 85, 132) }
```


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

```
.border{ border-color:rgb(93, 85, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 85, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 85, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 85, 132);  
box-shadow:4px 4px 4px 4px rgb(93, 85,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 92.7500, -10.3190, 16.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 85, 132) }
```

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

```
.background{ background-color: rgb(93, 85,  
132) }
```

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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