

Converting Colors

YIQ(132.7430, -17.6090,
16.2710)

Have a look what the booklet for
YIQ(132.7430, -17.6090, 16.2710)
contains.

YIQ(132.7430, -17.6090, 16.2710)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(132.7430, -17.6090,
16.2710)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7FB4
RGB	126, 127, 180
RGB Percent	49%, 50%, 71%
CMY	0.5058, 0.5019, 0.2942
CMYK	0.30, 0.29, 0.00, 0.29
HSL	239°, 26%, 60%
HSV	239°, 30%, 71%
XYZ	24.4301, 22.9092, 46.2992
YIQ	132.7430, -17.6090, 16.2710

Conversions

Conversions Part 2

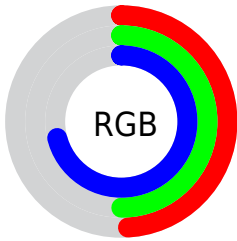
Format	Color
R_{YB}	126, 127, 180
Decimal	8290228
CIE _{Lab}	54.98, 11.96, -28.02
CIE _{LCh}	55, 30.466, 293.122
Yxy	22.9092, 0.2609, 0.2447
Android (android.graphics.Color)	4286480308 (0xFF7E7FB4)
YUV	132.7430, 23.2977, -5.9136
Hunter-Lab	47.8636, 7.3471, -23.8477

Details

The YIQ color $132.7430, -17.6090, 16.2710$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $173.2570, 17.6090, -16.2710$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.3840, -17.9760, 17.4160$, and $82.6890, -17.5170, 14.6030$ is the 20% darker color. If you saturate the color by 10%, you get $116.7950, -23.3870, 21.8690$, and if you desaturate by 10%, it is $148.6910, -11.8310, 10.6730$.

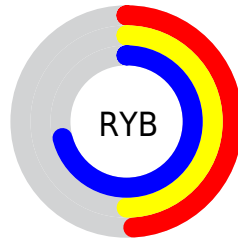
Distribution



Red (49%)

Green (50%)

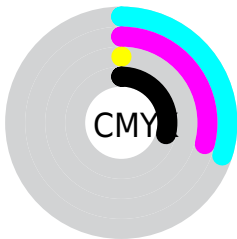
Blue (71%)



Red (49%)

Yellow (50%)

Blue (71%)

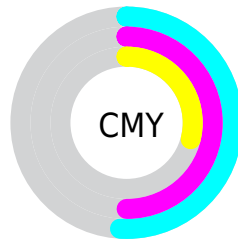


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (50%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.7430, -17.6090, 16.2710 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 132.7430, -17.6090, 16.2710 by changing the saturation by 10% instead.

■ 132.7430,
-17.6090, 16.2710

■ 132.7430,
-17.6090, 16.2710

■ 255.0000, -0.0000,
-0.0000

■ 107.2160,
-17.5630, 15.4370

■ 186.3840,
-17.9760, 17.4160

■ 82.6890, -17.5170,
14.6030

■ 212.7710,
-14.8120, 15.1400

■ 58.8630, -18.0670,
13.5570

■ 237.5790, -5.8240,
6.4320

■ 36.2110, -19.1670,
11.4650

■ 13.7870, -20.9090,
9.9950

■ 4.9360, -11.1430,
9.2170

■ 0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 132.7430,
-17.6090, 16.2710

■ 132.7430,
-17.6090, 16.2710

■ 116.7950,
-23.3870, 21.8690

■ 148.6910,
-11.8310, 10.6730

■ 101.4340,
-29.4400, 26.9440

■ 164.0520, -5.7780,
5.5980

■ 85.4860, -35.2180,
32.5420

■ 180.0000, -0.0000,
-0.0000

■ 69.5380, -40.9960,
38.1400

■ 195.9480, 5.7780,
-5.5980

■ 54.1770, -47.0490,
43.2150

■ 211.3090, 11.8310,
-10.6730

■ 38.2290, -52.8270,
48.8130

■ 227.2570, 17.6090,
-16.2710

■ 22.2810, -58.6050,
54.4110

■ 243.2050, 23.3870,
-21.8690

■ 246.4500, 24.0750,
-23.3250

Harmonies

Analogous

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



125.6250, -46.9960, 3.6920



132.7430, -17.6090, 16.2710



135.5030, 9.6700, 22.9980

Triad

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



132.7430, -17.6090, 16.2710



132.1390, 42.0890, 2.6410



118.3870, -41.5350, -23.7030

Complementary

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



132.7430, -17.6090, 16.2710



173.2570, 17.6090, -16.2710

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.



123.9420, -12.4210, -22.7010



132.7430, -17.6090, 16.2710



130.4870, 31.8210, -9.5150

Square

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



132.7430, -17.6090, 16.2710



133.2290, 42.3160, 15.0520



127.4520, 12.5660, -18.4900



111.0000, -71.0620, -22.7260

Rectangle

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



132.7430, -17.6090, 16.2710



135.2290, 25.1210, 23.8170



127.4520, 12.5660, -18.4900



120.6500, -32.0900, -24.1700

Sweetspot

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



132.7430, -17.6090, 16.2710



216.0950, -7.3370, 6.3190



163.6260, -31.5420, -12.0700



106.0690, -4.4480, 3.5200



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



132.7430, -17.6090, 16.2710



160.8640, -27.8350, 25.3890



139.6310, -2.4340, 22.0940



81.0260, -2.8890, 2.7990



19.2030, -49.9380, 46.0140



2.9640, -8.3460, 8.0860

Inverse Universe

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



142.2600, 31.8630, 11.7590



175.6430, 50.0180, 18.6420



166.3690, 2.4340, -22.0940



82.6910, 5.3640, 1.9080



46.0890, 90.2250, 33.3690



7.7740, 15.4960, 5.5120

Previews

White Background



This preview shows how the YIQ color 132.7430, -17.6090, 16.2710 looks on a white background.

Color Contrast Check

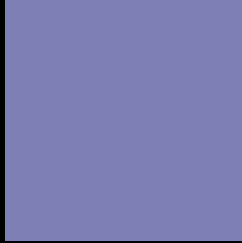
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 132.7430, -17.6090, 16.2710 looks on a black 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

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

YIQ 132.7430, -17.6090, 16.2710

Background



This preview shows how black text looks on a background with the YIQ color 132.7430, -17.6090, 16.2710.



This preview shows how white text looks on a background with the YIQ color 132.7430, -17.6090, 16.2710.

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

132.7430, -17.6090, 16.2710

Protanopia

131.7420, -25.0360, 13.2040

Deuteranopia

131.6990, -23.4770, 12.4830



Tritanopia

130.6550, -12.1500, -0.0700

Trichromacy



Original Color

132.7430, -17.6090, 16.2710

Protanomaly

132.2370, -22.0560, 14.2640

Deuteranomaly

132.0090, -21.4140, 13.6420

Tritanomaly

131.2730, -13.7100, 6.1780

Monochromacy



Original Color

132.7430, -17.6090, 16.2710

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8670, -6.6950, 5.6970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.7430, -17.6090, 16.2710 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(126, 127, 180)` looks like.

```
.text, #text, p{  
    color:rgb(126, 127, 180)  
}
```

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(126, 127, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 127, 180) }
```

Border

The CSS property to change the border of an element to YIQ 132.7430, -17.6090, 16.2710 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(126, 127, 180) }
```


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

```
.border{ border-color:rgb(126, 127, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 127, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 127, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 127, 180);  
box-shadow:4px 4px 4px 4px rgb(126, 127,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 132.7430, -17.6090, 16.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 127, 180) }
```

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

```
.background{ background-color: rgb(126,  
127, 180) }
```

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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