

Converting Colors

YIQ(130.1460, -28.5690,
27.6790)

Have a look what the booklet for
YIQ(130.1460, -28.5690, 27.6790)
contains.

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Color

**YIQ(130.1460, -28.5690,
27.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	7878D1
RGB	120, 120, 209
RGB Percent	47%, 47%, 82%
CMY	0.5293, 0.5294, 0.1806
CMYK	0.43, 0.43, 0.00, 0.18
HSL	240°, 49%, 65%
HSV	240°, 43%, 82%
XYZ	25.9671, 22.0282, 63.1747
YIQ	130.1460, -28.5690, 27.6790

Conversions

Conversions Part 2

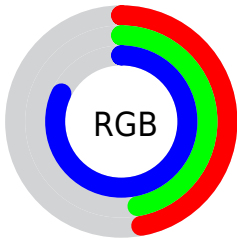
Format	Color
R_{YB}	120, 120, 209
Decimal	7895249
CIE _{Lab}	54.06, 22.47, -46.02
CIE _{LCh}	54, 51.215, 296.021
Yxy	22.0282, 0.2336, 0.1981
Android (android.graphics.Color)	4286085329 (0xFF7878D1)
YUV	130.1460, 38.8750, -8.8980
Hunter-Lab	46.9342, 16.6228, -46.9519

Details

The YIQ color $130.1460, -28.5690, 27.6790$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $198.8540, 28.5690, -27.6790$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $182.6580, -24.2590, 26.6610$, and $79.2550, -30.4940, 24.0180$ is the 20% darker color. If you saturate the color by 10%, you get $111.5400, -35.3100, 34.2100$, and if you desaturate by 10%, it is $148.7520, -21.8280, 21.1480$.

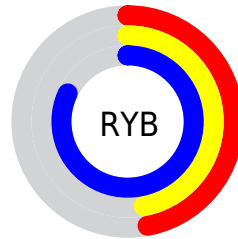
Distribution



Red (47%)

Green (47%)

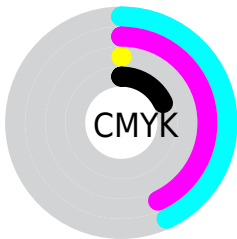
Blue (82%)



Red (47%)

Yellow (47%)

Blue (82%)

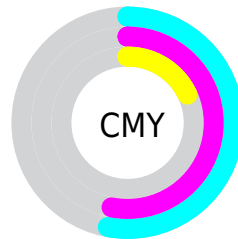


Cyan (43%)

Magenta (43%)

Yellow (0%)

Black (18%)



Cyan (53%)

Magenta (53%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.1460, -28.5690, 27.6790 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 130.1460, -28.5690, 27.6790 by changing the saturation by 10% instead.

■ 130.1460,
-28.5690, 27.6790

■ 130.1460,
-28.5690, 27.6790

■ 255.0000, -0.0000,
-0.0000

■ 104.2060,
-28.7980, 26.3220

■ 182.6580,
-24.2590, 26.6610

■ 79.2550, -30.4940,
24.0180

■ 207.7650,
-14.6750, 18.1650

■ 53.4070, -33.9780,
21.0780

■ 232.8720, -5.0910,
9.6690

■ 28.6510, -40.7170,
16.5550

■ 12.3000, -26.3670,
20.8090

■ 9.0910, -18.7090,
14.1790

■ 4.8220, -10.8220,

8.9060

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 130.1460,
-28.5690, 27.6790

■ 130.1460,
-28.5690, 27.6790

■ 111.5400,
-35.3100, 34.2100

■ 148.7520,
-21.8280, 21.1480

■ 92.9340, -42.0510,
40.7410

■ 167.3580,
-15.0870, 14.6170

■ 74.3280, -48.7920,
47.2720

■ 185.9640, -8.3460,
8.0860

■ 55.7220, -55.5330,
53.8030

■ 204.5700, -1.6050,
1.5550

■ 38.0020, -61.9530,
60.0230

■ 222.2900, 4.8150,
-4.6650

■ 23.8260, -67.0890,
64.9990

■ 240.8960, 11.5560,
-11.1960

■ 249.7560, 14.7660,
-14.3060

Harmonies

Analogous

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



104.5700, -107.0570, -3.6410



130.1460, -28.5690, 27.6790



132.6160, 20.2580, 40.3700

Triad

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



130.1460, -28.5690, 27.6790



126.8890, 66.1600, 1.4240



101.9580, -80.4120, -40.5080

Complementary

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



130.1460, -28.5690, 27.6790



198.8540, 28.5690, -27.6790

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.



110.9250, -32.0870, -40.7510



130.1460, -28.5690, 27.6790



124.4930, 48.8790, -21.3050

Square

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



130.1460, -28.5690, 27.6790



127.0970, 69.4110, 25.1150



120.2930, 16.7870, -34.4210



107.0880, -94.8570, -26.5130

Rectangle

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



130.1460, -28.5690, 27.6790



130.8330, 44.5120, 41.3440



120.2930, 16.7870, -34.4210



99.5470, -75.0010, -44.9610

Sweetspot

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



130.1460, -28.5690, 27.6790



225.7620, -10.5930, 10.2630



182.3890, -53.0440, -18.8680



109.3940, -6.7410, 6.5310



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



130.1460, -28.5690, 27.6790



139.8200, -41.7300, 40.4300



143.3020, -2.3450, 37.0070



95.2540, -3.5310, 3.4210



19.1520, -53.9280, 52.2480



4.6740, -13.1610, 12.7510

Inverse Universe

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



156.7570, 24.4750, 46.5470



178.6900, 35.7500, 67.9900



185.3990, 1.7490, -37.2190



98.5430, 3.0250, 5.7530



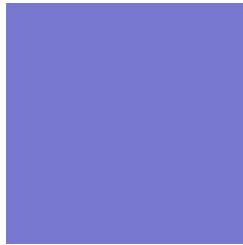
69.3840, 46.2000, 87.8640



16.9330, 11.2750, 21.4430

Previews

White Background



This preview shows how the YIQ color 130.1460, -28.5690, 27.6790 looks on a white background.

Color Contrast Check

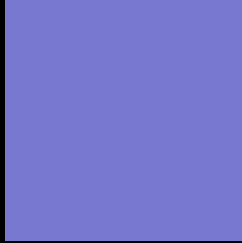
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.1460, -28.5690, 27.6790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

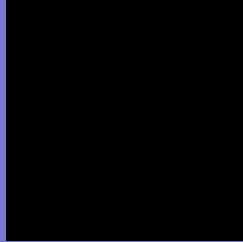
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.1460, -28.5690, 27.6790

Background



This preview shows how black text looks on a background with the YIQ color 130.1460, -28.5690, 27.6790.

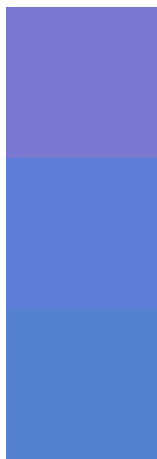


This preview shows how white text looks on a background with the YIQ color 130.1460, -28.5690, 27.6790.

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

130.1460, -28.5690, 27.6790

Protanopia

126.2790, -48.2370, 20.6830

Deuteranopia

124.4370, -51.8580, 14.7180



Tritanopia

126.2840, -21.4110, -2.9390

Trichromacy



Original Color

130.1460, -28.5690, 27.6790

Protanomaly

127.8670, -41.0850, 23.2270

Deuteranomaly

126.6770, -43.6060, 19.3540

Tritanomaly

127.7650, -23.8430, 8.1010

Monochromacy



Original Color

130.1460, -28.5690, 27.6790

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.7620, -10.5930, 10.2630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.1460, -28.5690, 27.6790 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(120, 120, 209)` looks like.

```
.text, #text, p{  
    color:rgb(120, 120, 209)  
}
```

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(120, 120, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 120, 209) }
```

Border

The CSS property to change the border of an element to YIQ 130.1460, -28.5690, 27.6790 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(120, 120, 209) }
```


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

```
.border{ border-color:rgb(120, 120, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 120, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 120, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 120, 209);  
box-shadow:4px 4px 4px 4px rgb(120, 120,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 130.1460, -28.5690, 27.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 120, 209) }
```

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

```
.background{ background-color: rgb(120,  
120, 209) }
```

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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