

Converting Colors

YIQ(130.7500, -27.5140,
25.0780)

Have a look what the booklet for
YIQ(130.7500, -27.5140, 25.0780)
contains.

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Color

**YIQ(130.7500, -27.5140,
25.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	787ACC
RGB	120, 122, 204
RGB Percent	47%, 48%, 80%
CMY	0.5294, 0.5216, 0.2002
CMYK	0.41, 0.40, 0.00, 0.20
HSL	239°, 45%, 64%
HSV	239°, 41%, 80%
XYZ	25.6008, 22.2708, 60.0484
YIQ	130.7500, -27.5140, 25.0780

Conversions

Conversions Part 2

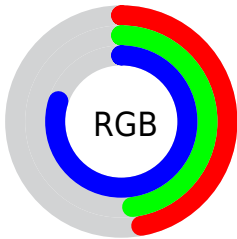
Format	Color
R _Y B	120, 122, 204
Decimal	7895756
CIE Lab	54.31, 19.83, -42.78
CIE LCh	54, 47.156, 294.869
Yxy	22.2708, 0.2372, 0.2064
Android (android.graphics.Color)	4286085836 (0xFF787ACC)
YUV	130.7500, 36.1123, -9.4277
Hunter-Lab	47.1919, 14.2475, -42.4081

Details

The YIQ color $130.7500, -27.5140, 25.0780$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $193.2500, 27.5140, -25.0780$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $183.5330, -25.4050, 25.4030$, and $80.1580, -28.8430, 21.6290$ is the 20% darker color. If you saturate the color by 10%, you get $113.0300, -33.9340, 31.2980$, and if you desaturate by 10%, it is $148.4700, -21.0940, 18.8580$.

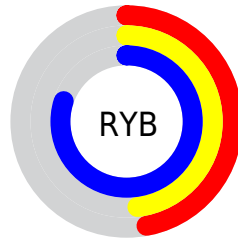
Distribution



Red (47%)

Green (48%)

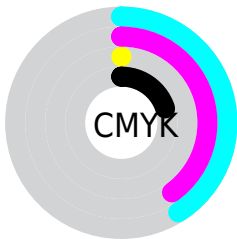
Blue (80%)



Red (47%)

Yellow (48%)

Blue (80%)

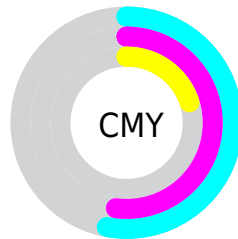


Cyan (41%)

Magenta (40%)

Yellow (0%)

Black (20%)



Cyan (53%)

Magenta (52%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.7500, -27.5140, 25.0780 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 130.7500, -27.5140, 25.0780 by changing the saturation by 10% instead.

■ 130.7500,
-27.5140, 25.0780

■ 130.7500,
-27.5140, 25.0780

■ 255.0000, -0.0000,
-0.0000

■ 104.8100,
-27.7430, 23.7210

■ 183.5330,
-25.4050, 25.4030

■ 80.1580, -28.8430,
21.6290

■ 208.6400,
-15.8210, 16.9070

■ 55.0220, -31.4560,
19.4240

■ 233.7470, -6.2370,
8.4110

■ 28.7820, -39.7080,
14.7880

■ 13.0180, -25.6330,
18.5190

■ 8.0480, -17.1500,
13.4580

■ 4.3660, -9.5380,

7.6620

■ 0.0000, 0.0000,
0.0000

■ 130.7500,
-27.5140, 25.0780

■ 130.7500,
-27.5140, 25.0780

■ 113.0300,
-33.9340, 31.2980

■ 148.4700,
-21.0940, 18.8580

■ 95.0110, -40.9500,
37.3060

■ 166.4890,
-14.0780, 12.8500

■ 77.2910, -47.3700,
43.5260

■ 184.2090, -7.6580,
6.6300

■ 59.2720, -54.3860,
49.5340

■ 202.2280, -0.6420,
0.6220

■ 41.5520, -60.8060,
55.7540

■ 219.9480, 5.7780,
-5.5980

■ 26.1910, -66.8590,
60.8290

■ 237.0810, 12.4730,
-11.2950

■ 249.1860, 16.3710,
-15.8610

Harmonies

Analogous

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



103.8860, -105.1310, -5.5070



130.7500, -27.5140, 25.0780



133.5400, 17.4160, 36.8080

Triad

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



130.7500, -27.5140, 25.0780



128.3770, 61.8500, 2.4420



101.8440, -80.0910, -40.8190

Complementary

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



130.7500, -27.5140, 25.0780



193.2500, 27.5140, -25.0780

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.



115.2680, -25.6230, -36.7510



130.7500, -27.5140, 25.0780



126.0460, 45.9440, -17.6720

Square

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



130.7500, -27.5140, 25.0780



129.1070, 63.4510, 22.9950



122.4010, 16.6030, -31.0850



106.6320, -93.5730, -27.7570

Rectangle

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



130.7500, -27.5140, 25.0780



132.2730, 40.1570, 37.6690



122.4010, 16.6030, -31.0850



99.6610, -75.3220, -44.6500

Sweetspot

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



130.7500, -27.5140, 25.0780



228.1210, -10.2260, 9.1180



178.5420, -49.1010, -18.7410



112.0520, -5.7780, 5.5980



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.



130.7500, -27.5140, 25.0780



146.0110, -40.9500, 37.3060



141.2370, -3.7200, 34.3920



93.1400, -3.2100, 3.1100



21.2720, -54.3860, 49.5340



4.9190, -12.4730, 11.2950

Inverse Universe

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



145.3440, 49.4220, 18.4300



167.7170, 73.5370, 27.4330



182.7630, 3.7200, -34.3920



94.9900, 5.9600, 2.1200



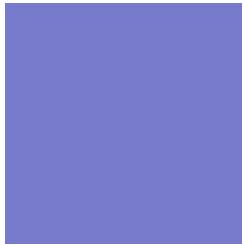
50.0900, 97.6520, 36.4360



11.4760, 22.3270, 8.3670

Previews

White Background



This preview shows how the YIQ color 130.7500, -27.5140, 25.0780 looks on a white background.

Color Contrast Check

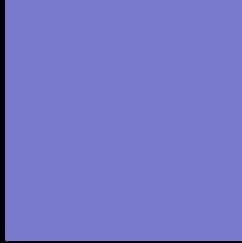
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.7500, -27.5140, 25.0780 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 130.7500, -27.5140, 25.0780

Background



This preview shows how black text looks on a background with the YIQ color 130.7500, -27.5140, 25.0780.



This preview shows how white text looks on a background with the YIQ color 130.7500, -27.5140,

25.0780.

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

130.7500, -27.5140, 25.0780

Protanopia

127.5630, -43.2850, 19.0430

Deuteranopia

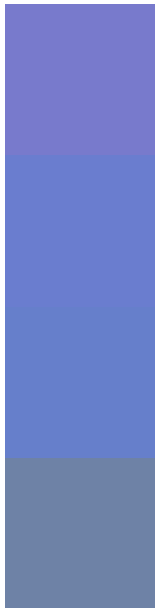
126.5470, -46.3560, 14.1240



Tritanopia

127.1700, -21.0900, -3.2500

Trichromacy



Original Color

130.7500, -27.5140, 25.0780

Protanomaly

128.6670, -37.6460, 21.4740

Deuteranomaly

128.1890, -39.2960, 18.3360

Tritanomaly

128.1240, -23.4760, 6.9560

Monochromacy



Original Color

130.7500, -27.5140, 25.0780

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.1210, -10.2260, 9.1180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.7500, -27.5140, 25.0780 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, 122, 204)` looks like.

```
.text, #text, p{  
    color:rgb(120, 122, 204)  
}
```

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, 122, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 122, 204) }
```

Border

The CSS property to change the border of an element to YIQ 130.7500, -27.5140, 25.0780 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, 122, 204) }
```


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

```
.border{ border-color:rgb(120, 122, 204) }
```

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

Here you see how a box with a 4 pixel rgb(120, 122, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 122, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 122, 204);  
box-shadow:4px 4px 4px 4px rgb(120, 122,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 130.7500, -27.5140, 25.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 122, 204) }
```

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

```
.background{ background-color: rgb(120,  
122, 204) }
```

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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