

Converting Colors

YIQ(130.5730, -22.8820,
18.2220)

Have a look what the booklet for
YIQ(130.5730, -22.8820, 18.2220)
contains.

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Color

**YIQ(130.5730, -22.8820,
18.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	787DBB
RGB	120, 125, 187
RGB Percent	47%, 49%, 73%
CMY	0.5294, 0.5098, 0.2668
CMYK	0.36, 0.33, 0.00, 0.27
HSL	236°, 33%, 60%
HSV	236°, 36%, 73%
XYZ	24.0464, 22.2477, 50.0207
YIQ	130.5730, -22.8820, 18.2220

Conversions

Conversions Part 2

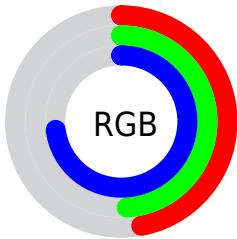
Format	Color
R_{YB}	120, 125, 187
Decimal	7896507
CIE _{Lab}	54.29, 13.26, -33.13
CIE _{LCh}	54, 35.690, 291.817
Yxy	22.2477, 0.2497, 0.2310
Android (android.graphics.Color)	4286086587 (0xFF787DBB)
YUV	130.5730, 27.8185, -9.2725
Hunter-Lab	47.1675, 8.4579, -29.8593

Details

The YIQ color **130.5730, -22.8820, 18.2220** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **176.4270, 22.8820, -18.2220**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.6270, -22.9740, 19.8900**, and **80.1060, -23.0650, 16.0310** is the 20% darker color. If you saturate the color by 10%, you get **114.9130, -29.5310, 23.0850**, and if you desaturate by 10%, it is **146.2330, -16.2330, 13.3590**.

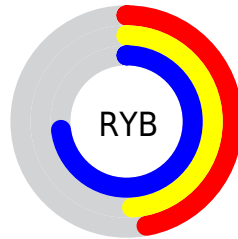
Distribution



Red (47%)

Green (49%)

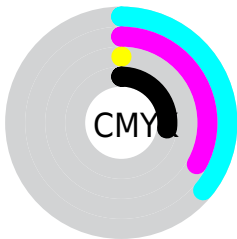
Blue (73%)



Red (47%)

Yellow (49%)

Blue (73%)

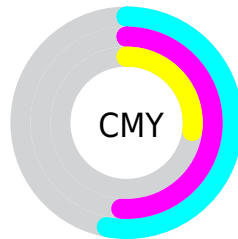


Cyan (36%)

Magenta (33%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (51%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.5730, -22.8820, 18.2220 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 130.5730, -22.8820, 18.2220 by changing the saturation by 10% instead.

■ 130.5730,
-22.8820, 18.2220

■ 130.5730,
-22.8820, 18.2220

■ 255.0000, -0.0000,
-0.0000

■ 105.0460,
-22.8360, 17.3880

■ 183.6270,
-22.9740, 19.8900

■ 80.1060, -23.0650,
16.0310

■ 209.8030,
-17.8380, 14.9140

■ 56.5680, -24.4860,
14.2500

■ 234.9100, -8.2540,
6.4180

■ 32.4210, -28.5660,
11.0980

■ 12.7100, -22.0100,
13.4300

■ 5.5060, -12.7480,
10.7720

■ 2.1830, -4.7690,

3.8310

0.0000, 0.0000,
0.0000

130.5730,
-22.8820, 18.2220

130.5730,
-22.8820, 18.2220

114.9130,
-29.5310, 23.0850

146.2330,
-16.2330, 13.3590

98.9650, -35.3090,
28.6830

162.1810,
-10.4550, 7.7610

83.3050, -41.9580,
33.5460

177.8410, -3.8060,
2.8980

67.6450, -48.6070,
38.4090

193.5010, 2.8430,
-1.9650

51.6970, -54.3850,
44.0070

209.4490, 8.6210,
-7.5630

■ 36.0370, -61.0340,
48.8700

■ 225.1090, 15.2700,
-12.4260

■ 29.5360, -63.8770,
50.8350

■ 240.7690, 21.9190,
-17.2890

■ 247.2480, 21.8280,
-21.1480

Harmonies

Analogous

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



119.7420, -60.5670, 1.8410



130.5730, -22.8820, 18.2220



133.9100, 10.0820, 26.5460

Triad

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



130.5730, -22.8820, 18.2220



129.7870, 49.0120, 3.8280



111.6520, -52.7670, -29.3990

Complementary

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



130.5730, -22.8820, 18.2220



176.4270, 22.8820, -18.2220

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.



120.9370, -14.0250, -26.6730



130.5730, -22.8820, 18.2220



128.0700, 37.3690, -10.9430

Square

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



130.5730, -22.8820, 18.2220



131.1590, 48.5050, 18.5290



125.3120, 15.7760, -21.6000



103.0300, -88.9420, -29.0860

Rectangle

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



130.5730, -22.8820, 18.2220



133.7180, 28.2380, 27.9020



125.3120, 15.7760, -21.6000



116.1930, -38.2330, -28.4810

Sweetspot

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



130.5730, -22.8820, 18.2220



220.1380, -8.8960, 7.0400



166.2830, -38.0060, -16.0700



108.9980, -5.6860, 3.9300



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



130.5730, -22.8820, 18.2220



154.5520, -35.5840, 28.1600



136.0100, -4.8190, 26.7730



86.6130, -3.1640, 2.2760



25.0560, -54.0180, 42.8620



4.7080, -10.5010, 8.5950

Inverse Universe

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



140.6030, 38.3270, 15.7590



170.0080, 59.4160, 24.5360



170.9900, 4.8190, -26.7730



87.8050, 5.0430, 2.2190



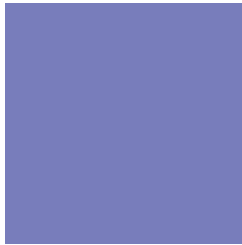
48.6100, 90.3160, 37.2280



9.4970, 17.8340, 7.1940

Previews

White Background



This preview shows how the YIQ color 130.5730, -22.8820, 18.2220 looks on a white background.

Color Contrast Check

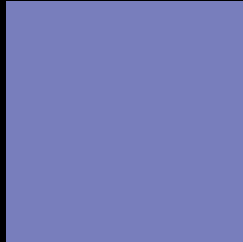
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.5730, -22.8820, 18.2220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

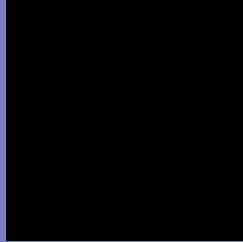
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.5730, -22.8820, 18.2220

Background



This preview shows how black text looks on a background with the YIQ color 130.5730, -22.8820, 18.2220.



This preview shows how white text looks on a background with the YIQ color 130.5730, -22.8820, 18.2220.

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

130.5730, -22.8820, 18.2220

Protanopia

129.2730, -30.9050, 14.9430

Deuteranopia

129.2190, -30.8130, 13.2750



Tritanopia

127.9640, -17.5140, -1.9780

Trichromacy



Original Color

130.5730, -22.8820, 18.2220

Protanomaly

129.7680, -27.9250, 16.0030

Deuteranomaly

129.8280, -28.1540, 14.6460

Tritanomaly

129.2230, -19.4410, 5.4150

Monochromacy



Original Color

130.5730, -22.8820, 18.2220

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.9100, -8.2540, 6.4180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.5730, -22.8820, 18.2220 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, 125, 187)` looks like.

```
.text, #text, p{  
    color:rgb(120, 125, 187)  
}
```

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, 125, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 125, 187) }
```

Border

The CSS property to change the border of an element to YIQ 130.5730, -22.8820, 18.2220 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, 125, 187) }
```


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

```
.border{ border-color:rgb(120, 125, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 125, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 125, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 125, 187);  
box-shadow:4px 4px 4px 4px rgb(120, 125,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 130.5730, -22.8820, 18.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 125, 187) }
```

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

```
.background{ background-color: rgb(120,  
125, 187) }
```

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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