

Converting Colors

YIQ(123.1630, -27.2390,
25.6010)

Have a look what the booklet for
YIQ(123.1630, -27.2390, 25.6010)
contains.

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Color

**YIQ(123.1630, -27.2390,
25.6010)**

Conversions

Conversions Part 1

Format	Color
Hex	7172C5
RGB	113, 114, 197
RGB Percent	44%, 45%, 77%
CMY	0.5568, 0.5529, 0.2276
CMYK	0.43, 0.42, 0.00, 0.23
HSL	239°, 42%, 61%
HSV	239°, 43%, 77%
XYZ	22.9021, 19.5755, 55.3683
YIQ	123.1630, -27.2390, 25.6010

Conversions

Conversions Part 2

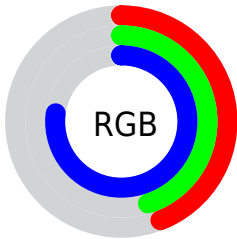
Format	Color
R_{YB}	113, 114, 197
Decimal	7434949
CIE _{Lab}	51.35, 20.82, -43.51
CIE _{LCh}	51, 48.232, 295.569
Yxy	19.5755, 0.2341, 0.2001
Android (android.graphics.Color)	4285625029 (0xFF7172C5)
YUV	123.1630, 36.4016, -8.9130
Hunter-Lab	44.2442, 14.9692, -43.2260

Details

The YIQ color $123.1630, -27.2390, 25.6010$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $186.8370, 27.2390, -25.6010$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $176.6300, -27.0560, 27.7920$, and $72.3860, -29.4850, 22.2510$ is the 20% darker color. If you saturate the color by 10%, you get $106.0300, -33.9340, 31.2980$, and if you desaturate by 10%, it is $140.2960, -20.5440, 19.9040$.

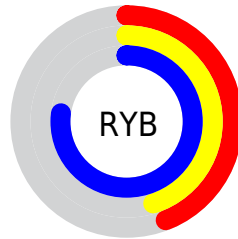
Distribution



Red (44%)

Green (45%)

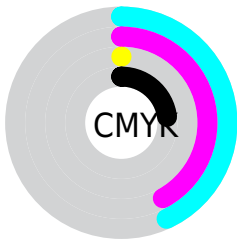
Blue (77%)



Red (44%)

Yellow (45%)

Blue (77%)

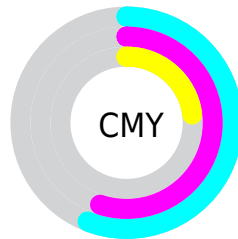


Cyan (43%)

Magenta (42%)

Yellow (0%)

Black (23%)



Cyan (56%)

Magenta (55%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.1630, -27.2390, 25.6010 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 123.1630, -27.2390, 25.6010 by changing the saturation by 10% instead.

■ 123.1630,
-27.2390, 25.6010

■ 123.1630,
-27.2390, 25.6010

■ 255.0000, -0.0000,
-0.0000

■ 97.8100, -27.7430,
23.7210

■ 176.6300,
-27.0560, 27.7920

■ 72.3860, -29.4850,
22.2510

■ 201.2640,
-17.5180, 20.1300

■ 47.5380, -32.9690,
19.3110

■ 226.3710, -7.9340,
11.6340

■ 24.4620, -35.8110,
15.7490

■ 251.4780, 1.6500,
3.1380

■ 7.7520, -21.8280,
21.1480

■ 6.7770, -14.9490,
12.1150

■ 3.2090, -7.6580,

6.6300

■ 0.0000, 0.0000,
0.0000

■ 123.1630,
-27.2390, 25.6010

■ 123.1630,
-27.2390, 25.6010

■ 106.0300,
-33.9340, 31.2980

■ 140.2960,
-20.5440, 19.9040

■ 88.6090, -39.7580,
37.7300

■ 157.7170,
-14.7200, 13.4720

■ 71.4760, -46.4530,
43.4270

■ 174.8500, -8.0250,
7.7750

■ 53.7560, -52.8730,
49.6470

■ 192.5700, -1.6050,
1.5550

■ 36.9220, -58.9720,
55.5560

■ 209.4040, 4.4940,
-4.3540

■ 23.6320, -63.7870,
60.2210

■ 227.1240, 10.9140,
-10.5740

■ 244.2570, 17.6090,
-16.2710

■ 248.3880, 18.6180,
-18.0380

Harmonies

Analogous

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



98.9790, -100.9590, -4.0230



123.1630, -27.2390, 25.6010



126.2520, 18.2870, 37.5430

Triad

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



123.1630, -27.2390, 25.6010



119.9640, 61.5750, 1.9190



96.4640, -75.9650, -38.5010

Complementary

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



123.1630, -27.2390, 25.6010



186.8370, 27.2390, -25.6010

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.



106.1860, -28.3280, -37.2880



123.1630, -27.2390, 25.6010



117.9920, 46.0360, -19.3400

Square

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



123.1630, -27.2390, 25.6010



120.7050, 64.6430, 23.4190



114.5750, 16.0530, -32.1310



101.2520, -89.4470, -25.4390

Rectangle

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



123.1630, -27.2390, 25.6010



123.9850, 41.0280, 38.4040



114.5750, 16.0530, -32.1310



94.1670, -70.8750, -42.6430

Sweetspot

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



123.1630, -27.2390, 25.6010



225.7620, -10.5930, 10.2630



171.7700, -49.7430, -18.1190



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.



123.1630, -27.2390, 25.6010



140.4070, -42.0050, 39.9070



134.8350, -2.5280, 34.8160



91.0260, -2.8890, 2.7990



19.7560, -52.8730, 49.6470



4.1040, -11.5560, 11.1960

Inverse Universe

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



138.2300, 49.7430, 18.1190



163.9840, 77.1590, 27.8710



175.1650, 2.5280, -34.8160



92.6910, 5.3640, 1.9080



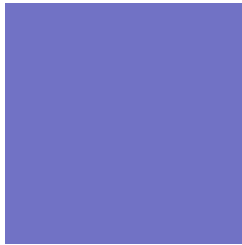
48.9650, 96.5060, 35.1780



10.7640, 21.4560, 7.6320

Previews

White Background



This preview shows how the YIQ color 123.1630, -27.2390, 25.6010 looks on a white background.

Color Contrast Check

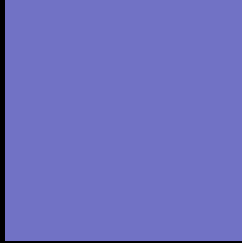
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.1630, -27.2390, 25.6010 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 123.1630, -27.2390, 25.6010

Background



This preview shows how black text looks on a background with the YIQ color 123.1630, -27.2390, 25.6010.

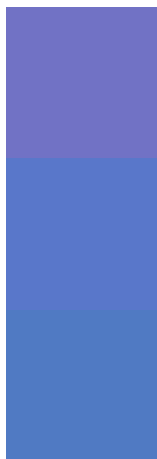


This preview shows how white text looks on a background with the YIQ color 123.1630, -27.2390,

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

123.1630, -27.2390, 25.6010

Protanopia

119.4920, -44.5230, 19.4530

Deuteranopia

117.7640, -48.4650, 13.7990



Tritanopia

119.4690, -20.4940, -3.0380

Trichromacy



Original Color

123.1630, -27.2390, 25.6010

Protanomaly

120.7810, -37.9670, 21.7850

Deuteranomaly

119.7050, -40.8090, 18.2230

Tritanomaly

120.5370, -23.2010, 7.4790

Monochromacy



Original Color

123.1630, -27.2390, 25.6010

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.1210, -10.2260, 9.1180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.1630, -27.2390, 25.6010 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(113, 114, 197)` looks like.

```
.text, #text, p{  
    color:rgb(113, 114, 197)  
}
```

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(113, 114, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 114, 197) }
```

Border

The CSS property to change the border of an element to YIQ 123.1630, -27.2390, 25.6010 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(113, 114, 197) }
```


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

```
.border{ border-color:rgb(113, 114, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 114, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 114, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 114, 197);  
box-shadow:4px 4px 4px 4px rgb(113, 114,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 123.1630, -27.2390, 25.6010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 114, 197) }
```

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

```
.background{ background-color: rgb(113,  
114, 197) }
```

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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