

Converting Colors

YIQ(130.1450, -9.6330, 25.9110)

Have a look what the booklet for
YIQ(130.1450, -9.6330, 25.9110)
contains.

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Color

**YIQ(130.1450, -9.6330,
25.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	8974B9
RGB	137, 116, 185
RGB Percent	54%, 45%, 73%
CMY	0.4626, 0.5451, 0.2746
CMYK	0.26, 0.37, 0.00, 0.27
HSL	258°, 33%, 59%
HSV	258°, 37%, 73%
XYZ	25.3193, 21.3110, 48.6650
YIQ	130.1450, -9.6330, 25.9110

Conversions

Conversions Part 2

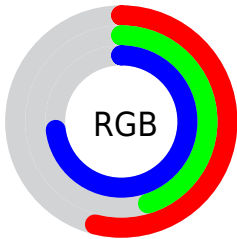
Format	Color
R_{YB}	137, 116, 185
Decimal	9008313
CIE _{Lab}	53.29, 23.06, -33.45
CIE _{LCh}	53, 40.631, 304.582
Yxy	21.3110, 0.2657, 0.2236
Android (android.graphics.Color)	4287198393 (0xFF8974B9)
YUV	130.1450, 27.0435, 6.0118
Hunter-Lab	46.1638, 17.1147, -30.1877

Details

The YIQ color **130.1450, -9.6330, 25.9110** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **170.8550, 9.6330, -25.9110**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.4980, -9.1290, 27.7910**, and **80.3790, -10.4120, 23.5080** is the 20% darker color. If you saturate the color by 10%, you get **115.1050, -12.1560, 33.0920**, and if you desaturate by 10%, it is **144.5980, -6.8350, 19.2530**.

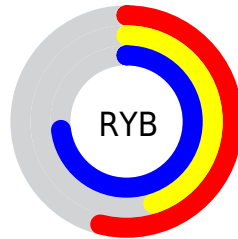
Distribution



Red (54%)

Green (45%)

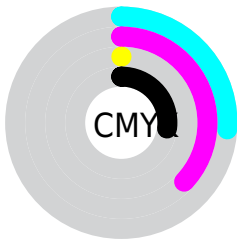
Blue (73%)



Red (54%)

Yellow (45%)

Blue (73%)

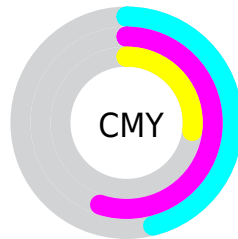


Cyan (26%)

Magenta (37%)

Yellow (0%)

Black (27%)



Cyan (46%)

Magenta (55%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.1450, -9.6330, 25.9110 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 130.1450, -9.6330, 25.9110 by changing the saturation by 10% instead.

■ 130.1450, -9.6330,
25.9110

■ 130.1450, -9.6330,
25.9110

■ 255.0000, -0.0000,
-0.0000

■ 104.6180, -9.5870,
25.0770

■ 183.4980, -9.1290,
27.7910

■ 80.3790, -10.4120,
23.5080

■ 209.3150, -4.3600,
23.9600

■ 56.4390, -10.6410,
22.1510

■ 234.4220, 5.2240,
15.4640

■ 33.7870, -11.7410,
20.0590

■ 253.2390, 0.8250,
1.5690

■ 10.2000, -11.4660,
20.5820

■ 5.2780, -12.1060,
10.1500

■ 1.2540, -3.5310,

3.4210

■ 0.0000, 0.0000,
0.0000

■ 130.1450, -9.6330,
25.9110

■ 130.1450, -9.6330,
25.9110

■ 115.1050,
-12.1560, 33.0920

■ 144.5980, -6.8350,
19.2530

■ 100.6520,
-14.9540, 39.7500

■ 159.6380, -4.3120,
12.0720

■ 86.1990, -17.7520,
46.4080

■ 174.0910, -1.5140,
5.4140

■ 71.4580, -19.6790,
53.8010

■ 188.8320, 0.4130,
-1.9790

■ 57.0050, -22.4770,
60.4590

■ 203.2850, 3.2110,
-8.6370

41.9650, -25.0000,
67.6400

218.3250, 5.7340,
-15.8180

37.8340, -26.0090,
69.4070

232.7780, 8.5320,
-22.4760

242.5350, 13.5300,
-24.9500

246.4220, 21.2780,
-22.1940

Harmonies

Analogous

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



120.9050, -53.4160, 9.9120



130.1450, -9.6330, 25.9110



130.7980, 25.2570, 32.3690

Triad

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



130.1450, -9.6330, 25.9110



126.2290, 50.3430, -3.7770



100.1630, -82.2470, -34.7830

Complementary

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



130.1450, -9.6330, 25.9110



170.8550, 9.6330, -25.9110

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.



112.5260, -34.9770, -32.4250



130.1450, -9.6330, 25.9110



123.5760, 32.6480, -19.0000

Square

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



130.1450, -9.6330, 25.9110



127.4170, 56.3460, 14.0900



119.7510, 3.9940, -28.3420



103.4520, -92.8860, -23.6860

Rectangle

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



130.1450, -9.6330, 25.9110



129.4270, 42.3590, 30.7990



119.7510, 3.9940, -28.3420



98.7950, -78.3950, -38.5150

Sweetspot

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



130.1450, -9.6330, 25.9110



218.4700, -3.8990, 10.0930



152.0420, -35.3490, -3.6450



107.3190, -2.1560, 6.0360



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



130.1450, -9.6330, 25.9110



154.1790, -15.0000, 40.5840



140.3110, 10.6310, 33.1190



84.6240, -1.6970, 3.2230



31.8370, -22.0640, 58.4800



5.8830, -3.6240, 10.6160

Inverse Universe

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



142.1030, 25.7160, 29.5560



172.8420, 40.2930, 46.2210



160.6890, -10.6310, -33.1190



86.3750, 3.4380, 3.7740



58.9560, 58.3080, 66.6600



10.5380, 10.5890, 11.8450

Previews

White Background



This preview shows how the YIQ color 130.1450, -9.6330, 25.9110 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 130.1450, -9.6330, 25.9110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

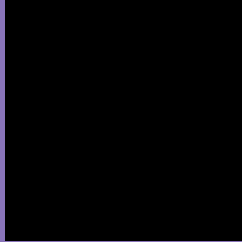
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.1450, -9.6330, 25.9110

Background



This preview shows how black text looks on a background with the YIQ color 130.1450, -9.6330, 25.9110.



This preview shows how white text looks on a background with the YIQ color 130.1450, -9.6330,

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

130.1450, -9.6330, 25.9110

Protanopia

126.4730, -34.3440, 16.6960

Deuteranopia

126.5180, -30.2170, 13.4870



Tritanopia

127.7380, -2.0180, 3.5340

Trichromacy



Original Color

130.1450, -9.6330, 25.9110

Protanomaly

127.9580, -25.4040, 19.8760

Deuteranomaly

127.5730, -22.8820, 18.2220

Tritanomaly

128.3390, -4.9080, 11.8600

Monochromacy



Original Color

130.1450, -9.6330, 25.9110

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.2420, -3.2570, 9.4710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.1450, -9.6330, 25.9110 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(137, 116, 185)` looks like.

```
.text, #text, p{  
    color:rgb(137, 116, 185)  
}
```

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(137, 116, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 116, 185) }
```

Border

The CSS property to change the border of an element to YIQ 130.1450, -9.6330, 25.9110 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(137, 116, 185) }
```


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

```
.border{ border-color:rgb(137, 116, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 116, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 116, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 116, 185);  
box-shadow:4px 4px 4px 4px rgb(137, 116,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 130.1450, -9.6330, 25.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 116, 185) }
```

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

```
.background{ background-color: rgb(137,  
116, 185) }
```

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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