

Converting Colors

YIQ(130.0380, -10.0490,
44.4710)

Have a look what the booklet for
YIQ(130.0380, -10.0490, 44.4710)
contains.

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Color

**YIQ(130.0380, -10.0490,
44.4710)**

Conversions

Conversions Part 1

Format	Color
Hex	9468D9
RGB	148, 104, 217
RGB Percent	58%, 41%, 85%
CMY	0.4194, 0.5922, 0.1491
CMYK	0.32, 0.52, 0.00, 0.15
HSL	263°, 60%, 63%
HSV	263°, 52%, 85%
XYZ	29.6895, 21.2051, 68.1517
YIQ	130.0380, -10.0490, 44.4710

Conversions

Conversions Part 2

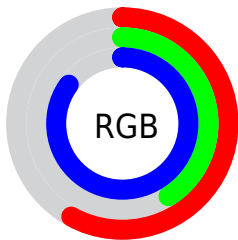
Format	Color
R_{YB}	148, 104, 217
Decimal	9726169
CIE _{Lab}	53.17, 41.09, -51.82
CIE _{LCh}	53, 66.134, 308.416
Yxy	21.2051, 0.2494, 0.1781
Android (android.graphics.Color)	4287916249 (0xFF9468D9)
YUV	130.0380, 42.8723, 15.7527
Hunter-Lab	46.0490, 34.4997, -55.5138

Details

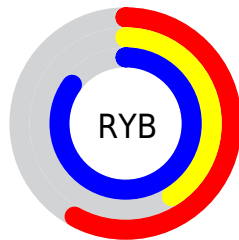
The YIQ color **130.0380, -10.0490, 44.4710** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **190.9620, 10.0490, -44.4710**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.9370, -2.5750, 41.1770**, and **78.4460, -11.3780, 41.0220** is the 20% darker color. If you saturate the color by 10%, you get **113.2370, -11.7470, 53.2210**, and if you desaturate by 10%, it is **146.8390, -8.3510, 35.7210**.

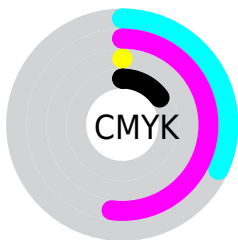
Distribution



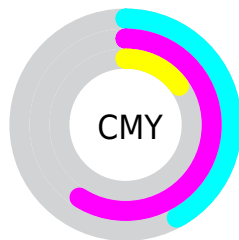
- Red (58%)
- Green (41%)
- Blue (85%)



- Red (58%)
- Yellow (41%)
- Blue (85%)



- Cyan (32%)
- Magenta (52%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (59%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.0380, -10.0490, 44.4710 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 130.0380, -10.0490, 44.4710 by changing the saturation by 10% instead.

■ 130.0380,
-10.0490, 44.4710

■ 130.0380,
-10.0490, 44.4710

■ 255.0000, -0.0000,
-0.0000

■ 103.7990,
-10.8740, 42.9020

■ 181.9370, -2.5750,
41.1770

■ 78.4460, -11.3780,
41.0220

■ 207.0440, 7.0090,
32.6810

■ 53.0220, -13.1200,
39.5520

■ 229.7590, 11.8250,
22.4890

■ 26.1250, -14.9080,
38.9160

■ 246.1950, 4.1250,
7.8450

■ 9.5760, -26.9640,
26.1240

■ 6.8400, -19.2600,
18.6600

■ 5.3920, -12.4270,

10.4610

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 130.0380,
-10.0490, 44.4710

■ 130.0380,
-10.0490, 44.4710

■ 113.2370,
-11.7470, 53.2210

■ 146.8390, -8.3510,
35.7210

■ 97.0230, -13.7200,
61.4480

■ 163.3520, -5.7820,
27.7060

■ 79.9230, -16.0140,
69.9860

■ 180.1530, -4.0840,
18.9560

■ 63.1220, -17.7120,
78.7360

■ 196.9540, -2.3860,
10.2060

■ 50.1530, -18.9970,
85.5070

■ 213.1680, -0.4130,
1.9790

■ 229.9690, 1.2850,
-6.7710

■ 246.4820, 3.8540,
-14.7860

■ 250.3690, 11.6020,
-12.0300

■ 250.6680, 12.1980,
-11.8180

Harmonies

Analogous

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



103.0830, -112.5150, 7.1730



130.0380, -10.0490, 44.4710



125.5860, 47.3060, 56.7940

Triad

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



130.0380, -10.0490, 44.4710



119.2980, 80.2850, -17.7870



105.9990, -87.6570, -35.8570

Complementary

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



130.0380, -10.0490, 44.4710



190.9620, 10.0490, -44.4710

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.



97.5120, -67.8930, -52.6370



130.0380, -10.0490, 44.4710



117.5720, 46.4980, -38.7340

Square

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



130.0380, -10.0490, 44.4710



120.0420, 88.4390, 21.6790



109.1730, -1.0910, -51.8350



111.0950, -104.7620, -17.7060

Rectangle

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



130.0380, -10.0490, 44.4710



119.7060, 73.2110, 55.3790



109.1730, -1.0910, -51.8350



103.1320, -80.9620, -41.5540

Sweetspot

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



130.0380, -10.0490, 44.4710



223.4580, -3.6250, 16.1430



157.9720, -55.5230, -1.4670



108.8400, -2.0650, 9.8950



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.



130.0380, -10.0490, 44.4710



133.5500, -13.7660, 62.2820



146.7820, 23.3270, 56.3430



101.4500, -1.1470, 4.2690



40.0540, -15.0050, 68.2190



10.6260, -4.0380, 18.1220

Inverse Universe

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



145.6530, 45.1990, 45.4150



155.1860, 63.3520, 63.3520



174.2180, -23.3270, -56.3430



102.9730, 4.6300, 4.1980



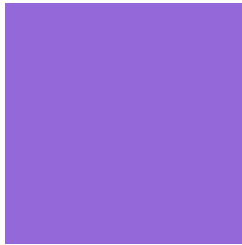
63.8110, 69.0820, 69.6420



16.9460, 18.4280, 18.4600

Previews

White Background



This preview shows how the YIQ color 130.0380, -10.0490, 44.4710 looks on a white background.

Color Contrast Check

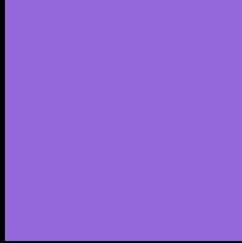
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.0380, -10.0490, 44.4710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

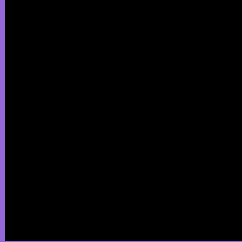
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.0380, -10.0490, 44.4710

Background



This preview shows how black text looks on a background with the YIQ color 130.0380, -10.0490, 44.4710.



This preview shows how white text looks on a background with the YIQ color 130.0380, -10.0490,

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

130.0380, -10.0490, 44.4710

Protanopia

119.4370, -69.0530, 23.4830

Deuteranopia

120.2340, -61.5320, 13.8280



Tritanopia

128.1190, 1.2830, 4.2830

Trichromacy



Original Color

130.0380, -10.0490, 44.4710



Protanomaly

123.2010, -47.5970, 31.1150



Deuteranomaly

123.5510, -43.0110, 25.0930



Tritanomaly

128.6370, -2.5710, 19.0690

Monochromacy



Original Color

130.0380, -10.0490, 44.4710



Achromatopsia

130.0000, -0.0000, -0.0000



Achromatomaly

130.4580, -3.6250, 16.1430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.0380, -10.0490, 44.4710 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(148, 104, 217)` looks like.

```
.text, #text, p{  
    color:rgb(148, 104, 217)  
}
```

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(148, 104, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 104, 217) }
```

Border

The CSS property to change the border of an element to YIQ 130.0380, -10.0490, 44.4710 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(148, 104, 217) }
```


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

```
.border{ border-color:rgb(148, 104, 217) }
```

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

Here you see how a box with a 4 pixel rgb(148, 104, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 104, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 104, 217);  
box-shadow:4px 4px 4px 4px rgb(148, 104,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 130.0380, -10.0490, 44.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 104, 217) }
```

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

```
.background{ background-color: rgb(148,  
104, 217) }
```

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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