

Converting Colors

YIQ(130.6040, -13.8580,
63.9500)

Have a look what the booklet for
YIQ(130.6040, -13.8580, 63.9500)
contains.

YIQ(130.6040, -13.8580, 63.9500)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YIQ(130.6040, -13.8580,
63.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5DFF
RGB	157, 93, 255
RGB Percent	62%, 36%, 100%
CMY	0.3840, 0.6354, 0.0002
CMYK	0.38, 0.64, 0.00, 0.00
HSL	264°, 100%, 68%
HSV	264°, 64%, 100%
XYZ	35.8718, 22.2157, 96.9663
YIQ	130.6040, -13.8580, 63.9500

Conversions

Conversions Part 2

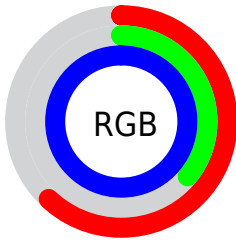
Format	Color
RYB	157, 93, 255
Decimal	10313215
CIELab	54.26, 58.51, -71.29
CIElCh	54, 92.227, 309.377
Yxy	22.2157, 0.2314, 0.1433
Android (android.graphics.Color)	4288503295 (0xFF9D5DFF)
YUV	130.6040, 61.3272, 23.1493
Hunter-Lab	47.1335, 53.3671, -88.9820

Details

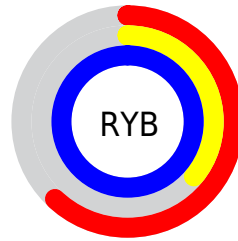
The YIQ color **130.6040, -13.8580, 63.9500** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **217.3960, 13.8580, -63.9500**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.6550, 7.3270, 48.9510**, and **74.9410, -16.4250, 60.9110** is the 20% darker color. If you saturate the color by 10%, you get **110.8570, -15.6480, 74.3680**, and if you desaturate by 10%, it is **149.7640, -11.7930, 54.0550**.

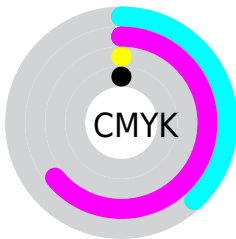
Distribution



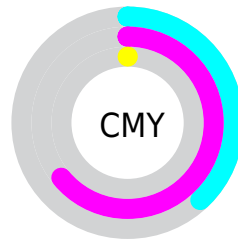
- Red (62%)
- Green (36%)
- Blue (100%)



- Red (62%)
- Yellow (36%)
- Blue (100%)



- Cyan (38%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.6040, -13.8580, 63.9500 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 130.6040, -13.8580, 63.9500 by changing the saturation by 10% instead.

■ 130.6040,
-13.8580, 63.9500

■ 130.6040,
-13.8580, 63.9500

■ 255.0000, -0.0000,
-0.0000

■ 103.0660,
-15.2790, 62.1690

■ 179.6550, 7.3270,
48.9510

■ 74.9410, -16.4250,
60.9110

■ 205.0610, 17.5070,
40.6670

■ 43.1090, -16.8380,
62.8900

■ 223.8890, 14.5750,
27.7190

■ 24.2610, -29.4900,
49.8860

■ 240.9120, 6.6000,
12.5520

■ 13.1100, -36.9150,
35.7650

■ 10.2600, -28.8900,
27.9900

■ 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 130.6040,
-13.8580, 63.9500

■ 130.6040,
-13.8580, 63.9500

■ 110.8570,
-15.6480, 74.3680

■ 149.7640,
-11.7930, 54.0550

■ 91.3980, -18.3090,
84.0510

■ 169.8100, -9.4070,
43.8490

■ 71.6510, -20.0990,
94.4690

■ 188.9700, -7.3420,
33.9540

■ 59.2690, -21.6590,
100.7170

■ 209.0160, -4.9560,
23.7480

■ 228.1760, -2.8910,
13.8530

■ 248.2220, -0.5050,
3.6470

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



107.1410, -118.4300, 9.7460



130.6040, -13.8580, 63.9500



98.7630, 79.3460, 103.9060

Triad

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



130.6040, -13.8580, 63.9500



121.1470, 91.1960, -11.7800



112.6500, -93.9840, -36.8320

Complementary

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



130.6040, -13.8580, 63.9500



217.3960, 13.8580, -63.9500

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.



101.1990, -65.8740, -61.6980



130.6040, -13.8580, 63.9500



119.9090, 43.9310, -41.7730

Square

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



130.6040, -13.8580, 63.9500



106.5090, 124.1530, 35.2330



96.1120, -26.6250, -73.6730



120.7270, -118.1050, -12.6730

Rectangle

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



130.6040, -13.8580, 63.9500



91.6350, 108.6450, 96.0450



96.1120, -26.6250, -73.6730



108.8710, -84.7210, -45.0170

Sweetspot

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



130.6040, -13.8580, 63.9500



218.1530, -4.0840, 18.9560



170.1680, -79.5020, -1.9180



105.0080, -2.4780, 11.8740



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.



130.6040, -13.8580, 63.9500



106.1390, -16.3820, 76.6580



154.2250, 33.2260, 80.6980



117.9770, -1.1930, 5.1030



44.4980, -16.0150, 75.5130



14.7710, -5.6440, 25.2040

Inverse Universe

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



152.6100, 65.0940, 64.8220



132.3440, 78.0670, 77.5150



193.7750, -33.2260, -80.6980



119.6850, 5.5010, 4.9330



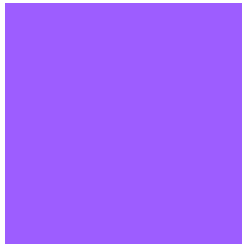
70.3330, 76.6000, 76.5680



23.5820, 25.6250, 25.6970

Previews

White Background



This preview shows how the YIQ color 130.6040, -13.8580, 63.9500 looks on a white background.

Color Contrast Check

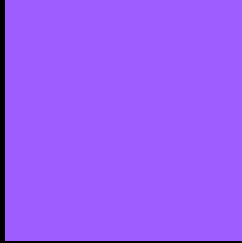
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.6040, -13.8580, 63.9500 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 130.6040, -13.8580, 63.9500

Background



This preview shows how black text looks on a background with the YIQ color 130.6040, -13.8580, 63.9500.

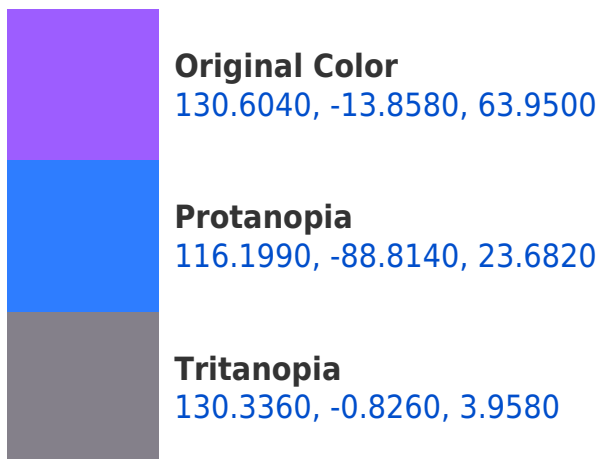


This preview shows how white text looks on a background with the YIQ color 130.6040, -13.8580,

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



Trichromacy



Original Color

130.6040, -13.8580, 63.9500

Protanomaly

121.1150, -61.6740, 38.4380

Tritanomaly

130.2980, -5.6900, 26.0380

Monochromacy



Original Color

130.6040, -13.8580, 63.9500

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.6030, -5.2310, 23.2250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.6040, -13.8580, 63.9500 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(157, 93, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 93, 255)  
}
```

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(157, 93, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 93, 255) }
```

Border

The CSS property to change the border of an element to YIQ 130.6040, -13.8580, 63.9500 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(157, 93, 255) }
```

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

```
.border{ border-color:rgb(157, 93, 255) }
```

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

Here you see how a box with a 4 pixel rgb(157, 93, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 93, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 93, 255);  
box-shadow:4px 4px 4px 4px rgb(157, 93,  
255) }
```


Background

The CSS property to change the background color of an element to YIQ 130.6040, -13.8580, 63.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 93, 255) }
```

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

```
.background{ background-color: rgb(157, 93,  
255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor