

Converting Colors

YIQ(130.2720, -18.8550,
60.8970)

Have a look what the booklet for
YIQ(130.2720, -18.8550, 60.8970)
contains.

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Color

**YIQ(130.2720, -18.8550,
60.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	9660FF
RGB	150, 96, 255
RGB Percent	59%, 38%, 100%
CMY	0.4115, 0.6236, 0.0002
CMYK	0.41, 0.62, 0.00, 0.00
HSL	260°, 100%, 69%
HSV	260°, 62%, 100%
XYZ	34.8111, 22.0680, 96.9899
YIQ	130.2720, -18.8550, 60.8970

Conversions

Conversions Part 2

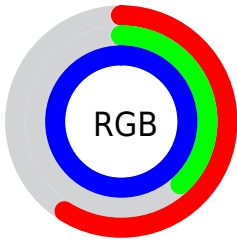
Format	Color
R _{YB}	150, 96, 255
Decimal	9855231
CIE _{Lab}	54.10, 55.59, -71.58
CIE _{LCh}	54, 90.624, 307.833
Y _{xy}	22.0680, 0.2262, 0.1434
Android (android.graphics.Color)	4288045311 (0xFF9660FF)
YUV	130.2720, 61.4909, 17.3015
Hunter-Lab	46.9765, 50.0650, -89.5293

Details

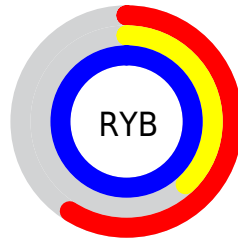
The YIQ color **130.2720, -18.8550, 60.8970** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **220.7280, 18.8550, -60.8970**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.3230, 2.3300, 45.8980**, and **75.7830, -21.9720, 56.8120** is the 20% darker color. If you saturate the color by 10%, you get **109.9270, -21.8370, 70.8910**, and if you desaturate by 10%, it is **150.0300, -15.5980, 51.4260**.

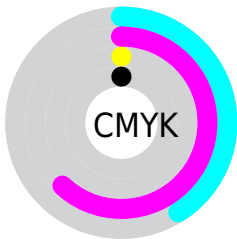
Distribution



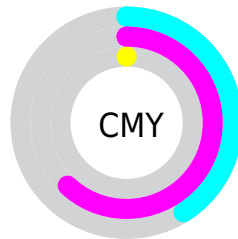
- Red (59%)
- Green (38%)
- Blue (100%)



- Red (59%)
- Yellow (38%)
- Blue (100%)



- Cyan (41%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.2720, -18.8550, 60.8970 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 130.2720, -18.8550, 60.8970 by changing the saturation by 10% instead.

■ 130.2720,
-18.8550, 60.8970

■ 130.2720,
-18.8550, 60.8970

■ 255.0000, -0.0000,
-0.0000

■ 102.7340,
-20.2760, 59.1160

■ 179.3230, 2.3300,
45.8980

■ 75.7830, -21.9720,
56.8120

■ 204.1420, 12.7850,
38.1370

■ 46.2880, -24.9520,
55.7520

■ 225.0630, 14.0250,
26.6730

■ 18.2810, -41.4100,
45.6460

■ 242.0860, 6.0500,
11.5060

■ 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

■ 130.2720,
-18.8550, 60.8970

■ 130.2720,
-18.8550, 60.8970

■ 109.9270,
-21.8370, 70.8910

■ 150.0300,
-15.5980, 51.4260

■ 90.1690, -25.0940,
80.3620

■ 170.3750,
-12.6160, 41.4320

■ 70.1230, -27.4800,
90.5680

■ 190.1330, -9.3590,
31.9610

■ 55.0830, -30.0030,
97.7490

■ 210.1790, -6.9730,
21.7550

■ 229.9370, -3.7160,
12.2840

■ 250.2820, -0.7340,
2.2900

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.



107.7280, -118.7050, 9.2230



130.2720, -18.8550, 60.8970



107.4750, 71.0490, 94.5770

Triad

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



130.2720, -18.8550, 60.8970



120.5710, 92.9380, -10.3100



111.4930, -92.1040, -37.8640

Complementary

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



130.2720, -18.8550, 60.8970



220.7280, 18.8550, -60.8970

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.



100.1560, -64.3150, -62.4190



130.2720, -18.8550, 60.8970



119.6320, 46.2690, -40.0910

Square

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



130.2720, -18.8550, 60.8970



106.6060, 122.5020, 37.6220



100.3090, -16.8140, -69.7580



120.1570, -116.5000, -14.2280

Rectangle

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



130.2720, -18.8550, 60.8970



92.0910, 107.3610, 97.2890



100.3090, -16.8140, -69.7580



107.7140, -82.8410, -46.0490

Sweetspot

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



130.2720, -18.8550, 60.8970



217.2560, -5.8720, 18.3200



176.3480, -80.1890, -5.9890



104.4100, -3.6700, 11.4500



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.



130.2720, -18.8550, 60.8970



105.2090, -22.5710, 73.1810



153.5940, 27.6330, 77.4330



117.6780, -1.7890, 4.8910



41.2090, -22.5710, 73.1810



13.8740, -7.4320, 24.5680

Inverse Universe

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



155.5110, 61.0590, 66.3630



135.4730, 73.3900, 79.6780



197.1070, -28.2290, -77.6450



119.7990, 5.1800, 5.2440



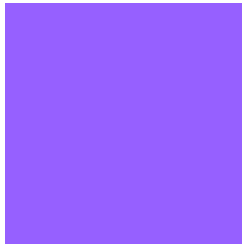
71.4730, 73.3900, 79.6780



23.9240, 24.6620, 26.6300

Previews

White Background



This preview shows how the YIQ color 130.2720, -18.8550, 60.8970 looks on a white background.

Color Contrast Check

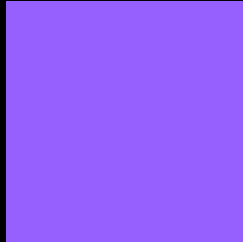
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.2720, -18.8550, 60.8970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

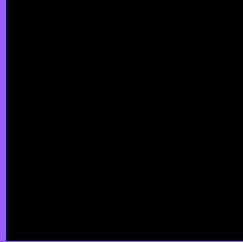
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.2720, -18.8550, 60.8970

Background



This preview shows how black text looks on a background with the YIQ color 130.2720, -18.8550, 60.8970.



This preview shows how white text looks on a background with the YIQ color 130.2720, -18.8550,

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

130.2720, -18.8550, 60.8970

Protanopia

115.6010, -90.0060, 23.2580

Deuteranopia

103.8180, -110.4510, 2.8050



Tritanopia

128.4600, -7.1070, 2.1490

Trichromacy



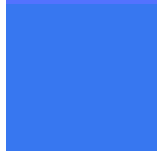
Original Color

130.2720, -18.8550, 60.8970



Protanomaly

120.8050, -63.7370, 37.2790



Deuteranomaly

113.6580, -76.9850, 24.0630



Tritanomaly

129.1940, -11.3290, 23.6070

Monochromacy



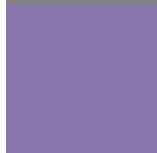
Original Color

130.2720, -18.8550, 60.8970



Achromatopsia

130.0000, -0.0000, -0.0000



Achromatomaly

130.1790, -6.9730, 21.7550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.2720, -18.8550, 60.8970 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(150, 96, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 96, 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(150, 96, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 96, 255) }
```

Border

The CSS property to change the border of an element to YIQ 130.2720, -18.8550, 60.8970 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(150, 96, 255) }
```


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

```
.border{ border-color:rgb(150, 96, 255) }
```

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

Here you see how a box with a 4 pixel rgb(150, 96, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 96, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 96, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 96,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 130.2720, -18.8550, 60.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 96, 255) }
```

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

```
.background{ background-color: rgb(150, 96,  
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](#).

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