

Converting Colors

YIQ(161.1530, -13.2520, 8.8920)

Have a look what the booklet for
YIQ(161.1530, -13.2520, 8.8920)
contains.

YIQ(161.1530, -13.2520, 8.8920)	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>	31

Color

**YIQ(161.1530, -13.2520,
8.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9FBF
RGB	154, 159, 191
RGB Percent	60%, 62%, 75%
CMY	0.3961, 0.3764, 0.2511
CMYK	0.19, 0.17, 0.00, 0.25
HSL	232°, 22%, 68%
HSV	232°, 19%, 75%
XYZ	35.1271, 35.4280, 54.2657
YIQ	161.1530, -13.2520, 8.8920

Conversions

Conversions Part 2

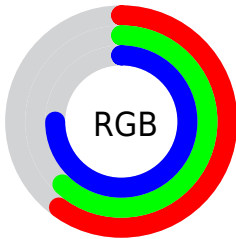
Format	Color
RYB	154, 158, 191
Decimal	10133439
CIELab	66.08, 5.02, -17.05
CIELCh	66, 17.775, 286.406
Yxy	35.4280, 0.2814, 0.2838
Android (android.graphics.Color)	4288323519 (0xFF9A9FBF)
YUV	161.1530, 14.7146, -6.2732
Hunter-Lab	59.5214, 1.1810, -12.3898

Details

The YIQ color $161.1530, -13.2520, 8.8920$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $183.8470, 13.2520, -8.8920$, and the grayscale version is $161.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $216.2670, -13.5730, 9.2030$, and $109.6260, -13.2060, 8.0580$ is the 20% darker color. If you saturate the color by 10%, you get $145.4930, -19.9010, 13.7550$, and if you desaturate by 10%, it is $176.8130, -6.6030, 4.0290$.

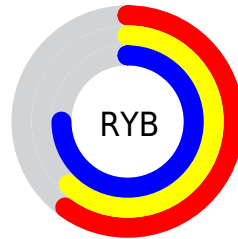
Distribution



Red (60%)

Green (62%)

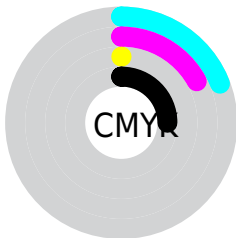
Blue (75%)



Red (60%)

Yellow (62%)

Blue (75%)

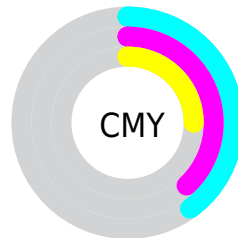


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (25%)



Cyan (40%)

Magenta (38%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.1530, -13.2520, 8.8920 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 161.1530, -13.2520, 8.8920 by changing the saturation by 10% instead.

■ 161.1530,
-13.2520, 8.8920

■ 161.1530,
-13.2520, 8.8920

■ 255.0000, -0.0000,
-0.0000

■ 135.0390,
-12.9310, 8.5810

■ 216.2670,
-13.5730, 9.2030

■ 109.6260,
-13.2060, 8.0580

■ 241.9870, -7.1530,
2.9830

■ 85.3980, -12.5640,
7.4360

■ 61.3980, -12.5640,
7.4360

■ 39.7570, -12.1970,
6.2910

■ 18.3440, -12.4720,
5.7680

■ 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,
0.0000

■ 161.1530,
-13.2520, 8.8920

■ 161.1530,
-13.2520, 8.8920

■ 145.4930,
-19.9010, 13.7550

■ 176.8130, -6.6030,
4.0290

■ 130.4200,
-26.8250, 18.0950

■ 191.8860, 0.3210,
-0.3110

■ 114.7600,
-33.4740, 22.9580

■ 207.5460, 6.9700,
-5.1740

■ 99.6870, -40.3980,
27.2980

■ 222.6190, 13.8940,
-9.5140

■ 84.0270, -47.0470,
32.1610

■ 238.2790, 20.5430,
-14.3770

■ 68.6550, -54.5670,
36.2890

■ 247.7040, 20.5440,
-19.9040

■ 52.9950, -61.2160,
41.1520

■ 37.9220, -68.1400,
45.4920

■ 37.0360, -68.4610,
45.8030

Harmonies

Analogous

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



158.1080, -26.5470, 2.0370



161.1530, -13.2520, 8.8920



163.2860, 2.6110, 13.2590

Triad

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



161.1530, -13.2520, 8.8920



162.0650, 27.7380, 3.9140



155.2160, -18.7040, -13.4560

Complementary

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



161.1530, -13.2520, 8.8920



183.8470, 13.2520, -8.8920

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.



157.1160, -3.8030, -13.6830



161.1530, -13.2520, 8.8920



160.7990, 22.3750, -3.5210

Square

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



161.1530, -13.2520, 8.8920



163.3840, 25.5820, 9.9500



158.9500, 11.4640, -9.5280



154.3380, -30.6710, -11.3350

Rectangle

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



161.1530, -13.2520, 8.8920



163.4890, 12.2850, 14.1490



158.9500, 11.4640, -9.5280



156.0270, -13.7980, -14.2620

Sweetspot

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



161.1530, -13.2520, 8.8920



235.7700, -5.0440, 3.3080



179.2530, -20.1260, -9.7100



117.6130, -3.1640, 2.2760



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



161.1530, -13.2520, 8.8920



201.1940, -20.4970, 13.5430



162.1050, -4.1290, 14.2630



86.6130, -3.1640, 2.2760



30.3390, -56.4930, 38.1550



5.8820, -11.0510, 7.5490

Inverse Universe

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



165.6330, 20.4470, 9.3990



207.9550, 31.4040, 14.5720



182.8950, 4.1290, -14.2630



87.8050, 5.0430, 2.2190



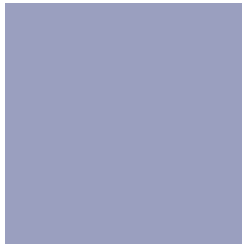
49.6360, 87.4270, 40.0270



9.7250, 17.1920, 7.8160

Previews

White Background



This preview shows how the YIQ color 161.1530, -13.2520, 8.8920 looks on a white background.

Color Contrast Check

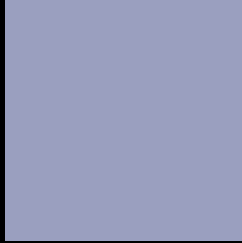
Large Text (above 18pt) WCAG AA × Fail

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 161.1530, -13.2520, 8.8920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

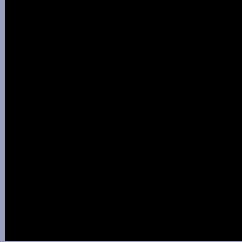
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.1530, -13.2520, 8.8920

Background



This preview shows how black text looks on a background with the YIQ color 161.1530, -13.2520, 8.8920.



This preview shows how white text looks on a background with the YIQ color 161.1530, -13.2520,

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

161.1530, -13.2520, 8.8920

Protanopia

161.1530, -13.2520, 8.8920

Deuteranopia

162.0720, -8.5300, 11.4220



Tritanopia

160.1930, -10.7290, 1.7110

Trichromacy



Original Color

161.1530, -13.2520, 8.8920

Protanomaly

161.1530, -13.2520, 8.8920

Deuteranomaly

161.7620, -10.5930, 10.2630

Tritanomaly

160.5890, -11.7840, 4.3120

Monochromacy



Original Color

161.1530, -13.2520, 8.8920

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

160.7700, -5.0440, 3.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.1530, -13.2520, 8.8920 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(154, 159, 191)` looks like.

```
.text, #text, p{  
    color:rgb(154, 159, 191)  
}
```

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(154, 159, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 159, 191) }
```

Border

The CSS property to change the border of an element to YIQ 161.1530, -13.2520, 8.8920 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(154, 159, 191) }
```


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

```
.border{ border-color:rgb(154, 159, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 159, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 159, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 159, 191);  
box-shadow:4px 4px 4px 4px rgb(154, 159,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 161.1530, -13.2520, 8.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 159, 191) }
```

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

```
.background{ background-color: rgb(154,  
159, 191) }
```

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