

Converting Colors

YIQ(161.2550, -13.2990,
15.2530)

Have a look what the booklet for
YIQ(161.2550, -13.2990, 15.2530)
contains.

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Color

**YIQ(161.2550, -13.2990,
15.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9BCA
RGB	158, 155, 202
RGB Percent	62%, 61%, 79%
CMY	0.3803, 0.3921, 0.2079
CMYK	0.22, 0.23, 0.00, 0.21
HSL	244°, 31%, 70%
HSV	244°, 23%, 79%
XYZ	36.4815, 34.9755, 60.6912
YIQ	161.2550, -13.2990, 15.2530

Conversions

Conversions Part 2

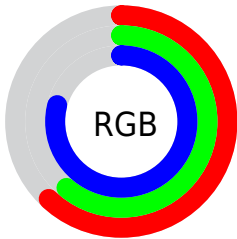
Format	Color
R_{YB}	158, 155, 202
Decimal	10394570
CIE _{Lab}	65.73, 11.09, -23.68
CIE _{LCh}	66, 26.149, 295.085
Yxy	34.9755, 0.2761, 0.2647
Android (android.graphics.Color)	4288584650 (0xFF9E9BCA)
YUV	161.2550, 20.0873, -2.8546
Hunter-Lab	59.1401, 6.6153, -19.4469

Details

The YIQ color $161.2550, -13.2990, 15.2530$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $195.7450, 13.2990, -15.2530$, and the grayscale version is $161.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $215.4400, -12.3820, 15.1540$, and $109.6140, -12.9320, 14.1080$ is the 20% darker color. If you saturate the color by 10%, you get $143.8340, -19.1230, 21.6850$, and if you desaturate by 10%, it is $178.6760, -7.4750, 8.8210$.

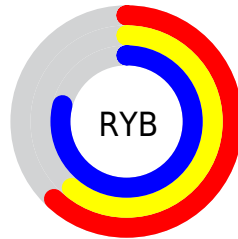
Distribution



Red (62%)

Green (61%)

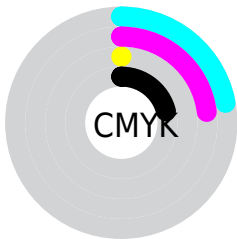
Blue (79%)



Red (62%)

Yellow (61%)

Blue (79%)

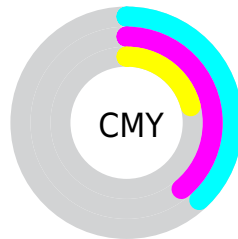


Cyan (22%)

Magenta (23%)

Yellow (0%)

Black (21%)



Cyan (38%)

Magenta (39%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.2550, -13.2990, 15.2530 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 161.2550, -13.2990, 15.2530 by changing the saturation by 10% instead.

■ 161.2550,
-13.2990, 15.2530

■ 161.2550,
-13.2990, 15.2530

■ 255.0000, -0.0000,
-0.0000

■ 135.0270,
-12.6570, 14.6310

■ 215.4400,
-12.3820, 15.1540

■ 109.6140,
-12.9320, 14.1080

■ 241.1340, -3.0730,
6.1350

■ 85.0870, -12.8860,
13.2740

■ 61.5600, -12.8400,
12.4400

■ 39.3210, -13.6650,
10.8710

■ 17.4950, -14.2150,
9.8250

■ 4.4800, -9.8590,

7.9730

■ 0.0000, 0.0000,
0.0000

■ 161.2550,
-13.2990, 15.2530

■ 161.2550,
-13.2990, 15.2530

■ 143.8340,
-19.1230, 21.6850

■ 178.6760, -7.4750,
8.8210

■ 126.4130,
-24.9470, 28.1170

■ 196.0970, -1.6510,
2.3890

■ 108.4050,
-30.4960, 35.0720

■ 214.1050, 3.8980,
-4.5660

■ 90.9840, -36.3200,
41.5040

■ 231.5260, 9.7220,
-10.9980

■ 73.5630, -42.1440,
47.9360

■ 248.3600, 15.8210,
-16.9070

■ 56.4410, -47.3720,
54.5800

■ 248.9580, 17.0130,
-16.4830

■ 39.0200, -53.1960,
61.0120

■ 26.9150, -57.0940,
65.5780

Harmonies

Analogous

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



156.5400, -36.4510, 5.3170



161.2550, -13.2990, 15.2530



163.2210, 10.4040, 20.7080

Triad

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



161.2550, -13.2990, 15.2530



160.5730, 37.8710, 1.9910



150.0180, -35.9420, -20.4380

Complementary

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



161.2550, -13.2990, 15.2530



195.7450, 13.2990, -15.2530

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.



153.4090, -12.2380, -20.5100



161.2550, -13.2990, 15.2530



158.8610, 27.8320, -8.8080

Square

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



161.2550, -13.2990, 15.2530



162.4950, 38.5110, 12.4230



156.2500, 10.3190, -16.3130



147.6820, -52.3110, -15.6310

Rectangle

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



161.2550, -13.2990, 15.2530



163.6370, 23.7920, 20.3680



156.2500, 10.3190, -16.3130



150.9110, -28.3310, -20.7070

Sweetspot

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



161.2550, -13.2990, 15.2530



239.3510, -5.1820, 5.8100



186.7730, -27.4620, -8.9180



118.5530, -2.9350, 3.6330



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.



161.2550, -13.2990, 15.2530



193.2900, -20.4070, 22.9290



168.1320, 0.4090, 20.1290



93.1400, -3.2100, 3.1100



22.2130, -46.7300, 53.9580



4.9300, -11.0060, 12.2420

Inverse Universe

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



174.0690, 13.8880, 23.6480



212.7530, 21.1300, 35.5780



188.8680, -0.4090, -20.1290



96.0160, 3.0710, 4.9190



67.3040, 49.1810, 83.3970



15.4660, 11.0920, 19.2520

Previews

White Background



This preview shows how the YIQ color 161.2550, -13.2990, 15.2530 looks on a white background.

Color Contrast Check

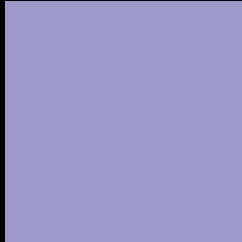
Large Text (above 18pt) WCAG AA × Fail

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 161.2550, -13.2990, 15.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

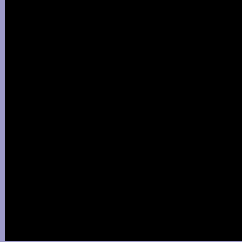
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.2550, -13.2990, 15.2530

Background



This preview shows how black text looks on a background with the YIQ color 161.2550, -13.2990, 15.2530.



This preview shows how white text looks on a background with the YIQ color 161.2550, -13.2990, 15.2530.

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

161.2550, -13.2990, 15.2530

Protanopia

160.2540, -20.7260, 12.1860

Deuteranopia

160.9340, -16.8290, 13.1470



Tritanopia

159.3890, -8.3450, 2.5590

Trichromacy



Original Color

161.2550, -13.2990, 15.2530

Protanomaly

160.7490, -17.7460, 13.2460

Deuteranomaly

160.9450, -15.3620, 14.0940

Tritanomaly

160.0670, -10.1340, 7.4500

Monochromacy



Original Color

161.2550, -13.2990, 15.2530

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

161.2370, -4.8610, 5.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.2550, -13.2990, 15.2530 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(158, 155, 202)` looks like.

```
.text, #text, p{  
    color:rgb(158, 155, 202)  
}
```

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(158, 155, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 155, 202) }
```

Border

The CSS property to change the border of an element to YIQ 161.2550, -13.2990, 15.2530 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(158, 155, 202) }
```


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

```
.border{ border-color:rgb(158, 155, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 155, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 155, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 155, 202);  
box-shadow:4px 4px 4px 4px rgb(158, 155,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 161.2550, -13.2990, 15.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 155, 202) }
```

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

```
.background{ background-color: rgb(158,  
155, 202) }
```

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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