

Converting Colors

YIQ(149.5260, -15.5000,
16.5960)

Have a look what the booklet for
YIQ(149.5260, -15.5000, 16.5960)
contains.

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Color

**YIQ(149.5260, -15.5000,
16.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	918FC3
RGB	145, 143, 195
RGB Percent	57%, 56%, 76%
CMY	0.4313, 0.4392, 0.2354
CMYK	0.26, 0.27, 0.00, 0.24
HSL	242°, 30%, 66%
HSV	242°, 27%, 76%
XYZ	31.3485, 29.6043, 55.6763
YIQ	149.5260, -15.5000, 16.5960

Conversions

Conversions Part 2

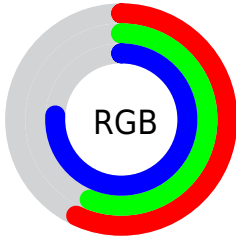
Format	Color
R_{YB}	145, 143, 195
Decimal	9539523
CIE _{Lab}	61.31, 12.22, -26.64
CIE _{LCh}	61, 29.306, 294.645
Yxy	29.6043, 0.2688, 0.2538
Android (android.graphics.Color)	4287729603 (0xFF918FC3)
YUV	149.5260, 22.4187, -3.9693
Hunter-Lab	54.4098, 7.6265, -22.5833

Details

The YIQ color $149.5260, -15.5000, 16.5960$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $188.4740, 15.5000, -16.5960$, and the grayscale version is $149.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $204.1670, -15.8670, 17.7410$, and $98.4720, -15.4080, 14.9280$ is the 20% darker color. If you saturate the color by 10%, you get $132.6920, -21.5990, 22.5050$, and if you desaturate by 10%, it is $166.3600, -9.4010, 10.6870$.

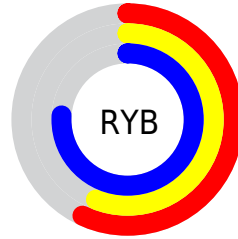
Distribution



Red (57%)

Green (56%)

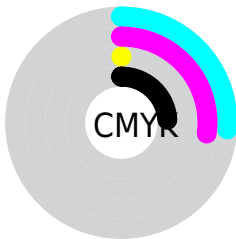
Blue (76%)



Red (57%)

Yellow (56%)

Blue (76%)

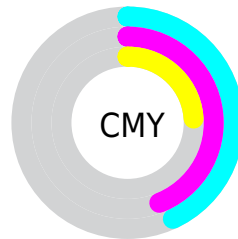


Cyan (26%)

Magenta (27%)

Yellow (0%)

Black (24%)



Cyan (43%)

Magenta (44%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.5260, -15.5000, 16.5960 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 149.5260, -15.5000, 16.5960 by changing the saturation by 10% instead.

■ 149.5260,
-15.5000, 16.5960

■ 149.5260,
-15.5000, 16.5960

■ 255.0000, -0.0000,
-0.0000

■ 123.4120,
-15.1790, 16.2850

■ 204.1670,
-15.8670, 17.7410

■ 98.4720, -15.4080,
14.9280

■ 229.3170, -7.8420,
9.9660

■ 73.9450, -15.3620,
14.0940

■ 253.8260, 0.5500,
1.0460

■ 51.1190, -15.9120,
13.0480

■ 28.8800, -16.7370,
11.4790

■ 5.1300, -14.4450,
13.9950

■ 3.2090, -7.6580,

6.6300

0.0000, 0.0000,
0.0000

149.5260,
-15.5000, 16.5960

149.5260,
-15.5000, 16.5960

132.6920,
-21.5990, 22.5050

166.3600, -9.4010,
10.6870

115.5700,
-26.8270, 29.1490

183.4820, -4.1730,
4.0430

98.7360, -32.9260,
35.0580

200.3160, 1.9260,
-1.8660

81.3150, -38.7500,
41.4900

217.7370, 7.7500,
-8.2980

64.4810, -44.8490,
47.3990

234.5710, 13.8490,
-14.2070

■ 47.3590, -50.0770,
54.0430

■ 248.1600, 19.2600,
-18.6600

■ 30.5250, -56.1760,
59.9520

■ 24.6220, -57.8270,
62.3410

Harmonies

Analogous

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



143.6040, -42.5030, 4.8650



149.5260, -15.5000, 16.5960



151.8730, 11.5040, 22.8000

Triad

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



149.5260, -15.5000, 16.5960



148.8400, 41.4930, 2.4290



136.0990, -40.6640, -22.9680

Complementary

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



149.5260, -15.5000, 16.5960



188.4740, 15.5000, -16.5960

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.



140.7570, -13.3380, -22.6020



149.5260, -15.5000, 16.5960



146.8890, 30.6290, -9.9390

Square

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



149.5260, -15.5000, 16.5960



150.4030, 41.7660, 14.0060



144.2670, 11.6490, -18.3910



132.5990, -62.4430, -19.2350

Rectangle

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



149.5260, -15.5000, 16.5960



151.8870, 26.0840, 22.8840



144.2670, 11.6490, -18.3910



137.4760, -31.5400, -23.1240

Sweetspot

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



149.5260, -15.5000, 16.5960



234.5790, -5.8240, 6.4320



178.2780, -30.4420, -9.9780



116.4820, -4.1730, 4.0430



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.



149.5260, -15.5000, 16.5960



182.0170, -23.8920, 25.5160



157.3000, -0.0040, 22.1080



88.4390, -2.6140, 3.3220



20.1480, -48.1050, 51.3430



4.0610, -9.9970, 10.4750

Inverse Universe

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



164.2480, 14.9420, 26.5740



204.6980, 22.9630, 40.9070



180.7000, 0.0040, -22.1080



91.1300, 2.7500, 5.2300



65.6950, 46.5220, 82.0260



13.5150, 9.3960, 16.9480

Previews

White Background



This preview shows how the YIQ color 149.5260, -15.5000, 16.5960 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 149.5260, -15.5000, 16.5960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

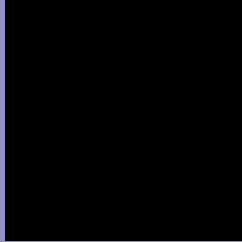
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.5260, -15.5000, 16.5960

Background



This preview shows how black text looks on a background with the YIQ color 149.5260, -15.5000, 16.5960.



This preview shows how white text looks on a background with the YIQ color 149.5260, -15.5000,

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

149.5260, -15.5000, 16.5960

Protanopia

148.2260, -23.5230, 13.3170

Deuteranopia

148.7810, -20.7720, 13.0200



Tritanopia

147.0790, -10.4080, 1.4000

Trichromacy



Original Color

149.5260, -15.5000, 16.5960

Protanomaly

148.7210, -20.5430, 14.3770

Deuteranomaly

149.0910, -18.7090, 14.1790

Tritanomaly

148.1700, -11.9220, 6.8140

Monochromacy



Original Color

149.5260, -15.5000, 16.5960

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.4650, -5.5030, 6.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.5260, -15.5000, 16.5960 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(145, 143, 195)` looks like.

```
.text, #text, p{  
    color:rgb(145, 143, 195)  
}
```

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(145, 143, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 143, 195) }
```

Border

The CSS property to change the border of an element to YIQ 149.5260, -15.5000, 16.5960 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(145, 143, 195) }
```


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

```
.border{ border-color:rgb(145, 143, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 143, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 143, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 143, 195);  
box-shadow:4px 4px 4px 4px rgb(145, 143,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 149.5260, -15.5000, 16.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 143, 195) }
```

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

```
.background{ background-color: rgb(145,  
143, 195) }
```

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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