

Converting Colors

YIQ(115.0520, -3.4960, 63.3840)

Have a look what the booklet for
YIQ(115.0520, -3.4960, 63.3840)
contains.

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Color

**YIQ(115.0520, -3.4960,
63.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	974BE3
RGB	151, 75, 227
RGB Percent	59%, 29%, 89%
CMY	0.4076, 0.7060, 0.1099
CMYK	0.33, 0.67, 0.00, 0.11
HSL	270°, 73%, 59%
HSV	270°, 67%, 89%
XYZ	29.1500, 17.1581, 74.4242
YIQ	115.0520, -3.4960, 63.3840

Conversions

Conversions Part 2

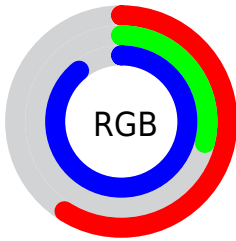
Format	Color
RYB	151, 75, 227
Decimal	9915363
CIELab	48.46, 59.35, -65.04
CIElCh	48, 88.048, 312.379
Yxy	17.1581, 0.2414, 0.1421
Android (android.graphics.Color)	4288105443 (0xFF974BE3)
YUV	115.0520, 55.1904, 31.5264
Hunter-Lab	41.4223, 53.1260, -77.5317

Details

The YIQ color **115.0520, -3.4960, 63.3840** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **186.9480, 3.4960, -63.3840**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5830, 7.8300, 56.3580**, and **56.6930, -3.8630, 64.5290** is the 20% darker color. If you saturate the color by 10%, you get **98.2620, -3.7270, 73.0810**, and if you desaturate by 10%, it is **131.8420, -3.2650, 53.6870**.

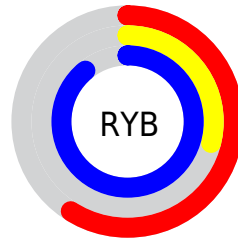
Distribution



Red (59%)

Green (29%)

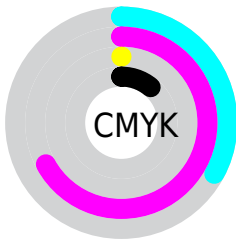
Blue (89%)



Red (59%)

Yellow (29%)

Blue (89%)

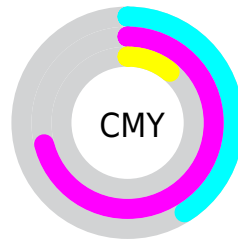


Cyan (33%)

Magenta (67%)

Yellow (0%)

Black (11%)



Cyan (41%)

Magenta (71%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.0520, -3.4960, 63.3840 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 115.0520, -3.4960, 63.3840 by changing the saturation by 10% instead.

115.0520, -3.4960,
63.3840

115.0520, -3.4960,
63.3840

255.0000, -0.0000,
-0.0000

87.2260, -4.0460,
62.3380

166.9960, 8.1050,
56.8810

56.5790, -3.5420,
64.2180

192.4020, 18.2850,
48.5970

35.1390, -8.3550,
57.8290

213.3230, 19.5250,
37.1330

22.0090, -20.2730,
42.5350

229.7590, 11.8250,
22.4890

10.3740, -29.2110,
28.3010

246.7820, 3.8500,
7.3220

7.6380, -21.5070,
20.8370

6.6630, -14.6280,

11.8040

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 115.0520, -3.4960,
63.3840

■ 115.0520, -3.4960,
63.3840

■ 98.2620, -3.7270,
73.0810

■ 131.8420, -3.2650,
53.6870

■ 81.7600, -4.8290,
82.0430

■ 148.3440, -2.1630,
44.7250

■ 64.9700, -5.0600,
91.7400

■ 165.1340, -1.9320,
35.0280

■ 59.9640, -4.9230,
94.7650

■ 181.9240, -1.7010,
25.3310

198.4260, -0.5990,
16.3690

215.2160, -0.3680,
6.6720

232.0060, -0.1370,
-3.0250

247.9210, 1.2400,
-11.4640

251.2100, 7.7960,
-9.1320

Harmonies

Analogous

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



96.5750, -113.4800, 19.1600



115.0520, -3.4960, 63.3840



84.5470, 79.7140, 97.2340

Triad

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



115.0520, -3.4960, 63.3840



108.3890, 78.7710, -12.3730



101.6450, -86.4200, -30.7400

Complementary

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



115.0520, -3.4960, 63.3840



186.9480, 3.4960, -63.3840

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.



90.8780, -60.2360, -53.7400



115.0520, -3.4960, 63.3840



105.4010, 33.7980, -39.8500

Square

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



115.0520, -3.4960, 63.3840



92.7050, 117.3690, 26.0170



79.8320, -37.4000, -71.1280



109.0380, -108.6150, -8.4470

Rectangle

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



115.0520, -3.4960, 63.3840



84.0440, 105.5750, 85.5990



79.8320, -37.4000, -71.1280



98.0940, -77.7990, -38.3030

Sweetspot

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



115.0520, -3.4960, 63.3840



217.5880, -0.8750, 21.3730



136.9400, -69.6920, 7.5240



105.0190, -1.0110, 12.8210



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.



115.0520, -3.4960, 63.3840



104.7540, -4.6920, 85.0680



137.7760, 41.8000, 79.4960



106.1620, -0.2760, 5.0040



47.0170, -4.4150, 74.5370



13.5880, -0.8750, 21.3730

Inverse Universe

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



129.1120, 66.1960, 55.8600



123.6240, 88.8420, 74.9700



164.2240, -41.8000, -79.4960



107.2720, 5.2260, 4.4100



63.6670, 78.1150, 65.6270



18.0990, 22.3710, 18.5870

Previews

White Background



This preview shows how the YIQ color 115.0520, -3.4960, 63.3840 looks on a white background.

Color Contrast Check

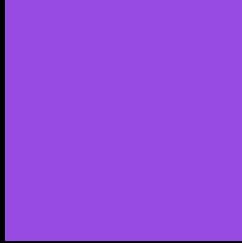
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 115.0520, -3.4960, 63.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

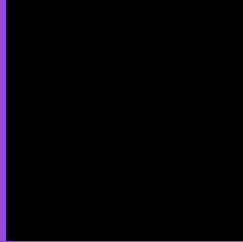
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.0520, -3.4960, 63.3840

Background



This preview shows how black text looks on a background with the YIQ color 115.0520, -3.4960, 63.3840.



This preview shows how white text looks on a background with the YIQ color 115.0520, -3.4960,

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

115.0520, -3.4960, 63.3840

Protanopia

91.9470, -105.9600, 15.0320

Deuteranopia

92.7500, -98.5760, 2.3520



Tritanopia

116.3050, 9.6270, 7.2510

Trichromacy



Original Color

115.0520, -3.4960, 63.3840



Protanomaly

100.4190, -68.6420, 32.5580



Deuteranomaly

100.7150, -63.9640, 24.8680



Tritanomaly

116.2130, 4.8550, 27.6630

Monochromacy



Original Color

115.0520, -3.4960, 63.3840



Achromatopsia

115.0000, -0.0000, 0.0000



Achromatomaly

114.7560, -1.2880, 23.3520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.0520, -3.4960, 63.3840 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(151, 75, 227)` looks like.

```
.text, #text, p{  
    color:rgb(151, 75, 227)  
}
```

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(151, 75, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 75, 227) }
```

Border

The CSS property to change the border of an element to YIQ 115.0520, -3.4960, 63.3840 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(151, 75, 227) }
```


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

```
.border{ border-color:rgb(151, 75, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 75, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 75, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 75, 227);  
box-shadow:4px 4px 4px 4px rgb(151, 75,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 115.0520, -3.4960, 63.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 75, 227) }
```

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

```
.background{ background-color: rgb(151, 75,  
227) }
```

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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