

Converting Colors

YIQ(114.6490, 16.6320, 62.0400)

Have a look what the booklet for
YIQ(114.6490, 16.6320, 62.0400)
contains.

YIQ(114.6490, 16.6320, 62.0400)	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(114.6490, 16.6320,
62.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	A946CA
RGB	169, 70, 202
RGB Percent	66%, 27%, 79%
CMY	0.3369, 0.7256, 0.2079
CMYK	0.16, 0.65, 0.00, 0.21
HSL	285°, 55%, 53%
HSV	285°, 65%, 79%
XYZ	29.2267, 17.0830, 57.6283
YIQ	114.6490, 16.6320, 62.0400

Conversions

Conversions Part 2

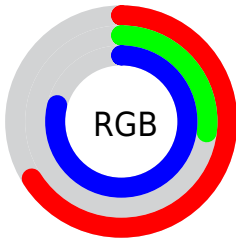
Format	Color
R_{YB}	169, 70, 202
Decimal	11093706
CIE _{Lab}	48.36, 60.05, -50.81
CIE _{LCh}	48, 78.658, 319.766
Yxy	17.0830, 0.2812, 0.1644
Android (android.graphics.Color)	4289283786 (0xFFA946CA)
YUV	114.6490, 43.0640, 47.6658
Hunter-Lab	41.3315, 53.8923, -53.7356

Details

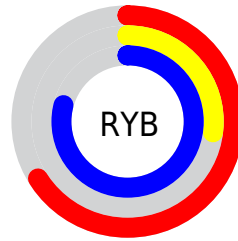
The YIQ color **114.6490, 16.6320, 62.0400** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **157.3510, -16.6320, -62.0400**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3180, 19.0620, 62.0540**, and **50.5450, 20.1610, 69.6730** is the 20% darker color. If you saturate the color by 10%, you get **101.4140, 19.1520, 71.4400**, and if you desaturate by 10%, it is **127.8840, 14.1120, 52.6400**.

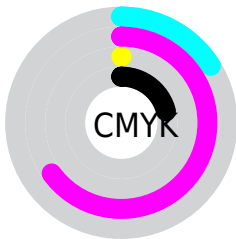
Distribution



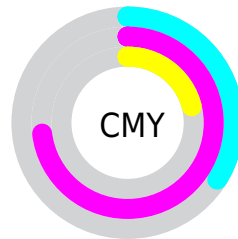
- Red (66%)
- Green (27%)
- Blue (79%)



- Red (66%)
- Yellow (27%)
- Blue (79%)



- Cyan (16%)
- Magenta (65%)
- Yellow (0%)
- Black (21%)



- Cyan (34%)
- Magenta (73%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.6490, 16.6320, 62.0400 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 114.6490, 16.6320, 62.0400 by changing the saturation by 10% instead.

■ 114.6490, 16.6320,
62.0400

■ 114.6490, 16.6320,
62.0400

■ 255.0000, -0.0000,
-0.0000

■ 86.0620, 16.9070,
62.5630

■ 170.3180, 19.0620,
62.0540

■ 50.5450, 20.1610,
69.6730

■ 194.5390, 28.3250,
53.8690

■ 39.2090, 11.8190,
55.6510

■ 210.9750, 20.6250,
39.2250

■ 28.1720, 4.0730,
41.8410

■ 227.9980, 12.6500,
24.0580

■ 17.9610, -3.1230,
29.0770

■ 245.0210, 4.6750,
8.8910

■ 5.3580, -15.0870,
14.6170

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 114.6490, 16.6320,
62.0400

■ 114.6490, 16.6320,
62.0400

■ 101.4140, 19.1520,
71.4400

■ 127.8840, 14.1120,
52.6400

■ 88.1790, 21.6720,
80.8400

■ 141.1190, 11.5920,
43.2400

■ 74.3570, 24.4670,
90.7630

■ 154.9410, 8.7970,
33.3170

■ 68.4760, 25.7500,
95.0460

■ 168.1760, 6.2770,
23.9170

■ 181.4110, 3.7570,
14.5170

■ 194.6460, 1.2370,
5.1170

■ 207.8810, -1.2830,
-4.2830

■ 221.7030, -4.0780,
-14.2060

■ 234.9380, -6.5980,
-23.6060

Harmonies

Analogous

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



91.2830, -106.7860, 18.9900



114.6490, 16.6320, 62.0400



86.2510, 83.0630, 86.0950

Triad

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



114.6490, 16.6320, 62.0400



108.5890, 66.1640, -20.6840



101.9530, -90.0430, -25.6510

Complementary

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



114.6490, 16.6320, 62.0400



157.3510, -16.6320, -62.0400

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.



92.9130, -67.3440, -46.0640



114.6490, 16.6320, 62.0400



102.6770, 24.0330, -44.5990

Square

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



114.6490, 16.6320, 62.0400



101.7870, 101.7380, 6.4260



80.1740, -38.3630, -70.1950



106.8040, -107.8360, -6.0440

Rectangle

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



114.6490, 16.6320, 62.0400



79.1160, 105.0720, 78.1920



80.1740, -38.3630, -70.1950



98.8580, -82.7060, -31.9700

Sweetspot

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



114.6490, 16.6320, 62.0400



221.1760, 6.2770, 23.9170



104.4190, -51.4470, 23.7930



107.4110, 3.7570, 14.5170



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.



114.6490, 16.6320, 62.0400



123.2370, 24.9250, 93.4770



120.7540, 46.8930, 58.7730



95.2330, 0.9620, 4.5940



56.0000, 20.6180, 77.9140



13.0030, 5.0860, 17.9660

Inverse Universe

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



113.2300, 68.0790, 38.2470



121.2010, 102.5540, 57.7380



151.2460, -46.8930, -58.7730



95.2180, 5.3180, 2.7420



54.3080, 85.7750, 47.9430



12.5020, 19.4380, 11.1660

Previews

White Background



This preview shows how the YIQ color 114.6490, 16.6320, 62.0400 looks on a white background.

Color Contrast Check

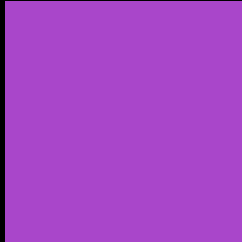
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.6490, 16.6320, 62.0400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

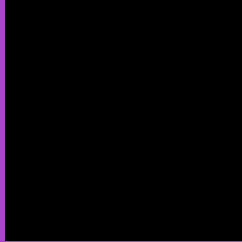
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.6490, 16.6320, 62.0400

Background



This preview shows how black text looks on a background with the YIQ color 114.6490, 16.6320, 62.0400.



This preview shows how white text looks on a background with the YIQ color 114.6490, 16.6320,

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

114.6490, 16.6320, 62.0400

Protanopia

92.0610, -106.2810, 15.3430

Deuteranopia

108.4470, -57.8180, 12.5980



Tritanopia

116.6560, 30.8080, 14.3600

Trichromacy



Original Color

114.6490, 16.6320, 62.0400

Protanomaly

100.1270, -61.9480, 32.3880

Deuteranomaly

110.4710, -30.8620, 30.6900

Tritanomaly

115.6840, 25.5780, 32.0580

Monochromacy



Original Color

114.6490, 16.6320, 62.0400

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.2360, 6.0480, 22.5600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.6490, 16.6320, 62.0400 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(169, 70, 202)` looks like.

```
.text, #text, p{  
    color:rgb(169, 70, 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(169, 70, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 70, 202) }
```

Border

The CSS property to change the border of an element to YIQ 114.6490, 16.6320, 62.0400 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(169, 70, 202) }
```


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

```
.border{ border-color:rgb(169, 70, 202) }
```

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

Here you see how a box with a 4 pixel rgb(169, 70, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 70, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 70, 202);  
box-shadow:4px 4px 4px 4px rgb(169, 70,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 114.6490, 16.6320, 62.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 70, 202) }
```

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

```
.background{ background-color: rgb(169, 70,  
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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