

Converting Colors

YIQ(114.7460, 32.1760, 55.6640)

Have a look what the booklet for
YIQ(114.7460, 32.1760, 55.6640)
contains.

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Color

**YIQ(114.7460, 32.1760,
55.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	B446AE
RGB	180, 70, 174
RGB Percent	71%, 27%, 68%
CMY	0.2938, 0.7257, 0.3176
CMYK	0.00, 0.61, 0.03, 0.29
HSL	303°, 44%, 49%
HSV	303°, 61%, 71%
XYZ	28.6702, 17.1443, 41.8486
YIQ	114.7460, 32.1760, 55.6640

Conversions

Conversions Part 2

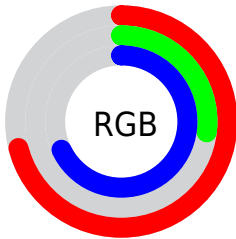
Format	Color
R_{YB}	180, 70, 174
Decimal	11814574
CIE _{Lab}	48.44, 57.56, -34.31
CIE _{LCh}	48, 67.010, 329.205
Yxy	17.1443, 0.3270, 0.1956
Android (android.graphics.Color)	4290004654 (0xFFB446AE)
YUV	114.7460, 29.2122, 57.2278
Hunter-Lab	41.4057, 51.1373, -30.9403

Details

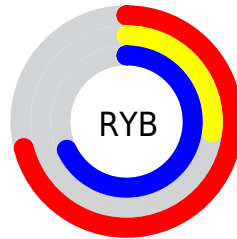
The YIQ color **114.7460, 32.1760, 55.6640** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **135.2540, -32.1760, -55.6640**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.7570, 33.6430, 56.6110**, and **50.8700, 35.0630, 63.9190** is the 20% darker color. If you saturate the color by 10%, you get **104.0660, 37.4470, 64.7670**, and if you desaturate by 10%, it is **125.4260, 26.9050, 46.5610**.

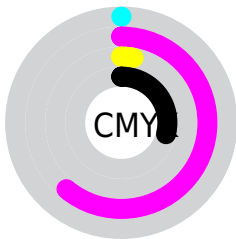
Distribution



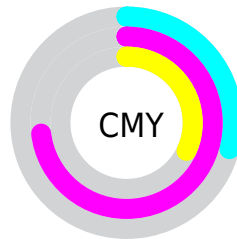
- Red (71%)
- Green (27%)
- Blue (68%)



- Red (71%)
- Yellow (27%)
- Blue (68%)



- Cyan (0%)
- Magenta (61%)
- Yellow (3%)
- Black (29%)



- Cyan (29%)
- Magenta (73%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.7460, 32.1760, 55.6640 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 114.7460, 32.1760, 55.6640 by changing the saturation by 10% instead.


 114.7460, 32.1760,
55.6640


 114.7460, 32.1760,
55.6640


255.0000, -0.0000,
-0.0000


 86.2730, 32.1300,
56.4980


 170.7570, 33.6430,
56.6110


 50.8700, 35.0630,
63.9190


 195.1260, 28.0500,
53.3460


 39.9470, 26.9960,
50.4200


 211.5620, 20.3500,
38.7020

 29.1380, 18.6080,
37.2320

 227.9980, 12.6500,
24.0580

 19.6390, 12.2830,
25.2030

 245.6080, 4.4000,
8.3680

 4.2740, -6.2830,
9.2450

 0.0000, 0.0000,

0.0000

■ 114.7460, 32.1760,
55.6640

■ 114.7460, 32.1760,
55.6640

■ 104.0660, 37.4470,
64.7670

■ 125.4260, 26.9050,
46.5610

■ 93.3860, 42.7180,
73.8700

■ 136.1060, 21.6340,
37.4580

■ 82.7060, 47.9890,
82.9730

■ 146.7860, 16.3630,
28.3550

■ 73.2000, 52.7100,
91.0300

■ 157.4660, 11.0920,
19.2520

■ 168.1460, 5.8210,
10.1490

■ 178.8260, 0.5500,
1.0460

■ 189.5060, -4.7210,
-8.0570

■ 200.1860, -9.9920,
-17.1600

■ 210.8660,
-15.2630, -26.2630

Harmonies

Analogous

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



114.9040, -33.3390, 37.0370



114.7460, 32.1760, 55.6640



103.6570, 74.9070, 57.6830

Triad

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



114.7460, 32.1760, 55.6640



107.6040, 52.6400, -28.8960



101.4460, -92.7490, -20.6610

Complementary

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



114.7460, 32.1760, 55.6640



135.2540, -32.1760, -55.6640

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.



94.3610, -74.1770, -37.8650



114.7460, 32.1760, 55.6640



99.6650, 15.1390, -48.6130

Square

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



114.7460, 32.1760, 55.6640



106.3730, 84.8680, -7.2280



85.7600, -54.0920, -54.9560



103.4130, -105.1770, -4.6730

Rectangle

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



114.7460, 32.1760, 55.6640



102.9720, 86.6010, 43.9850



85.7600, -54.0920, -54.9560



99.3940, -86.9710, -26.2590

Sweetspot

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



114.7460, 32.1760, 55.6640



209.4170, 12.7880, 21.5560



84.0350, -32.3300, 35.2700



101.6240, 7.4710, 13.2870



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



114.7460, 32.1760, 55.6640



132.8960, 50.5100, 86.8460



108.5900, 49.5100, 38.8700



83.7170, 2.4750, 4.7070



62.2770, 44.6430, 77.5310



10.5100, 7.7920, 12.9760

Inverse Universe

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



114.7460, 32.1760, 55.6640



132.8960, 50.5100, 86.8460



141.5240, -49.8310, -38.5590



83.7170, 2.4750, 4.7070



62.2770, 44.6430, 77.5310



10.5100, 7.7920, 12.9760

Previews

White Background



This preview shows how the YIQ color 114.7460, 32.1760, 55.6640 looks on a white background.

Color Contrast Check

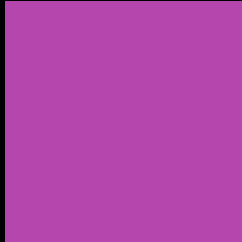
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.7460, 32.1760, 55.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

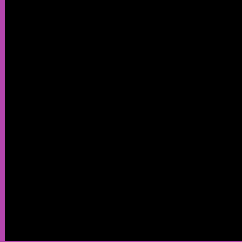
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YIQ 114.7460, 32.1760, 55.6640

Background



This preview shows how black text looks on a background with the YIQ color 114.7460, 32.1760, 55.6640.



This preview shows how white text looks on a background with the YIQ color 114.7460, 32.1760,

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

114.7460, 32.1760, 55.6640

Protanopia

109.6460, -59.5160, 21.3480

Deuteranopia

114.9480, -28.6120, 11.9320



Tritanopia

115.7180, 45.4330, 19.1370

Trichromacy



Original Color

114.7460, 32.1760, 55.6640

Protanomaly

111.5040, -26.4610, 33.5310

Deuteranomaly

115.1670, -6.6990, 27.8050

Tritanomaly

115.1110, 40.4330, 32.6650

Monochromacy



Original Color

114.7460, 32.1760, 55.6640

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.1780, 11.9630, 19.9870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.7460, 32.1760, 55.6640 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(180, 70, 174)` looks like.

```
.text, #text, p{  
    color:rgb(180, 70, 174)  
}
```

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(180, 70, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 70, 174) }
```

Border

The CSS property to change the border of an element to YIQ 114.7460, 32.1760, 55.6640 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(180, 70, 174) }
```


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

```
.border{ border-color:rgb(180, 70, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 70, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 70, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 70, 174); box-shadow:4px 4px 4px 4px rgb(180, 70, 174) }
```

Background

The CSS property to change the background color of an element to YIQ 114.7460, 32.1760, 55.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 70, 174) }
```

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

```
.background{ background-color: rgb(180, 70,  
174) }
```

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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