

Converting Colors

YIQ(191.4640, 14.5740, 33.2460)

Have a look what the booklet for
YIQ(191.4640, 14.5740, 33.2460)
contains.

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Color

**YIQ(191.4640, 14.5740,
33.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A6E8
RGB	226, 166, 232
RGB Percent	89%, 65%, 91%
CMY	0.1135, 0.3491, 0.0902
CMYK	0.03, 0.28, 0.00, 0.09
HSL	295°, 59%, 78%
HSV	295°, 28%, 91%
XYZ	59.5761, 49.2660, 82.7145
YIQ	191.4640, 14.5740, 33.2460

Conversions

Conversions Part 2

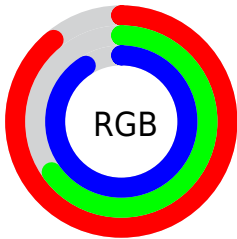
Format	Color
R _Y B	226, 166, 232
Decimal	14853864
CIE Lab	75.62, 33.01, -24.53
CIE LCh	76, 41.124, 323.381
Yxy	49.2660, 0.3110, 0.2572
Android (android.graphics.Color)	4293043944 (0xFFE2A6E8)
YUV	191.4640, 19.9842, 30.2881
Hunter-Lab	70.1897, 28.6765, -20.7370

Details

The YIQ color $191.4640, 14.5740, 33.2460$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $206.5360, -14.5740, -33.2460$, and the grayscale version is $191.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.6290, 9.0750, 17.2590$, and $137.2250, 13.7490, 31.6770$ is the 20% darker color. If you saturate the color by 10%, you get $177.3650, 19.7070, 44.8510$, and if you desaturate by 10%, it is $205.5630, 9.4410, 21.6410$.

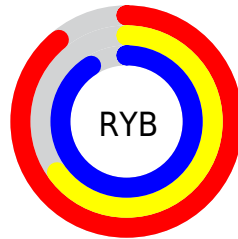
Distribution



Red (89%)

Green (65%)

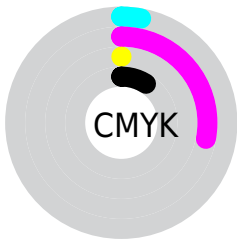
Blue (91%)



Red (89%)

Yellow (65%)

Blue (91%)

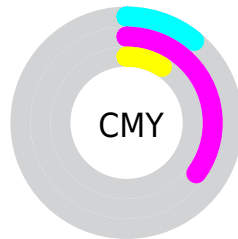


Cyan (3%)

Magenta (28%)

Yellow (0%)

Black (9%)



Cyan (11%)


Magenta (35%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 191.4640, 14.5740, 33.2460 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 191.4640, 14.5740, 33.2460 by changing the saturation by 10% instead.


 191.4640, 14.5740,
33.2460


 191.4640, 14.5740,
33.2460


255.0000, -0.0000,
-0.0000


 164.0510, 14.2990,
32.7230


 235.6290, 9.0750,
17.2590


 137.2250, 13.7490,
31.6770

 252.0650, 1.3750,
2.6150

 111.3990, 13.1990,
30.6310

 86.2740, 12.0530,
29.3730

 61.8610, 11.7780,
28.8500

 37.5620, 11.1820,
28.6380

 18.6710, 9.2570,

24.9770

■ 8.2040, -0.0940,
12.7220

■ 0.0000, 0.0000,
0.0000

■ 191.4640, 14.5740,
33.2460

■ 191.4640, 14.5740,
33.2460

■ 177.3650, 19.7070,
44.8510

■ 205.5630, 9.4410,
21.6410

■ 163.2660, 24.8400,
56.4560

■ 219.6620, 4.3080,
10.0360

■ 148.5800, 30.2480,
68.5840

■ 234.3480, -1.1000,
-2.0920

■ 134.4810, 35.3810,
80.1890

■ 246.0990, -5.1330,
-11.6050

120.3820, 40.5140,
91.7940

246.9960, -3.3450,
-10.9690

105.9840, 45.0510,
103.1870

247.5940, -2.1530,
-10.5450

91.8850, 50.1840,
114.7920

248.1920, -0.9610,
-10.1210

89.5370, 51.2840,
116.8840

248.7900, 0.2310,
-9.6970

249.3880, 1.4230,
-9.2730

Harmonies

Analogous

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



187.9520, -25.2670, 22.9010



191.4640, 14.5740, 33.2460



190.4490, 45.2930, 32.6930

Triad

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



191.4640, 14.5740, 33.2460



184.3820, 45.1180, -13.7140



150.8140, -114.9370, -37.0570

Complementary

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



191.4640, 14.5740, 33.2460



206.5360, -14.5740, -33.2460

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.



166.7000, -61.8900, -34.7700



191.4640, 14.5740, 33.2460



180.5200, 17.8860, -26.8020

Square

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



191.4640, 14.5740, 33.2460



186.9470, 60.2450, 3.9970



175.4970, -18.8380, -33.0620



158.8770, -110.0800, -20.4480

Rectangle

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



191.4640, 14.5740, 33.2460



187.8980, 53.9140, 25.1300



175.4970, -18.8380, -33.0620



157.8070, -95.8640, -35.8000

Sweetspot

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



191.4640, 14.5740, 33.2460



240.9010, 5.1330, 11.6050



177.6330, -23.1110, 16.8650



118.5970, 2.9330, 7.4210



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.



191.4640, 14.5740, 33.2460



201.5390, 19.1570, 43.8050



190.2940, 26.4960, 26.4320



107.6570, 2.7040, 6.0640



68.8440, 39.0930, 90.0130



19.5680, 11.0450, 25.6130

Inverse Universe

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



186.4180, 37.4100, 15.8580



194.9250, 49.2840, 20.9320



207.7060, -26.4960, -26.4320



106.7020, 6.8310, 2.8550



55.3450, 101.5480, 42.9240



15.8190, 28.7910, 12.3670

Previews

White Background



This preview shows how the YIQ color 191.4640, 14.5740, 33.2460 looks on a white background.

Color Contrast Check

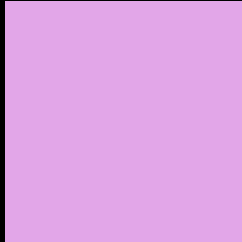
Large Text (above 18pt) WCAG AA × Fail

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 191.4640, 14.5740, 33.2460 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 191.4640, 14.5740, 33.2460

Background



This preview shows how black text looks on a background with the YIQ color 191.4640, 14.5740, 33.2460.



This preview shows how white text looks on a background with the YIQ color 191.4640, 14.5740,

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

191.4640, 14.5740, 33.2460

Protanopia

186.7680, -27.9250, 16.0030

Deuteranopia

188.2440, -14.7660, 14.3060



Tritanopia

189.3500, 22.9220, 14.1060

Trichromacy



Original Color

191.4640, 14.5740, 33.2460



Protanomaly

188.0690, -12.4750, 22.3490



Deuteranomaly

189.6200, -3.9010, 21.1470



Tritanomaly

190.0110, 19.8030, 21.0750

Monochromacy



Original Color

191.4640, 14.5740, 33.2460



Achromatopsia

191.0000, -0.0000, -0.0000



Achromatomaly

191.3140, 5.4080, 12.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.4640, 14.5740, 33.2460 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(226, 166, 232)` looks like.

```
.text, #text, p{  
    color:rgb(226, 166, 232)  
}
```

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(226, 166, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 166, 232) }
```

Border

The CSS property to change the border of an element to YIQ 191.4640, 14.5740, 33.2460 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(226, 166, 232) }
```


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

```
.border{ border-color:rgb(226, 166, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 166, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 166, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 166, 232);  
box-shadow:4px 4px 4px 4px rgb(226, 166,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 191.4640, 14.5740, 33.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 166, 232) }
```

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

```
.background{ background-color: rgb(226,  
166, 232) }
```

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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