

Converting Colors

YIQ(194.2530, 16.5460, 30.5460)

Have a look what the booklet for
YIQ(194.2530, 16.5460, 30.5460)
contains.

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Color

**YIQ(194.2530, 16.5460,
30.5460)**

Conversions

Conversions Part 1

Format	Color
Hex	E5AAE4
RGB	229, 170, 228
RGB Percent	90%, 67%, 89%
CMY	0.1018, 0.3334, 0.1059
CMYK	0.00, 0.26, 0.00, 0.10
HSL	301°, 53%, 78%
HSV	301°, 26%, 90%
XYZ	60.7019, 51.0074, 80.0487
YIQ	194.2530, 16.5460, 30.5460

Conversions

Conversions Part 2

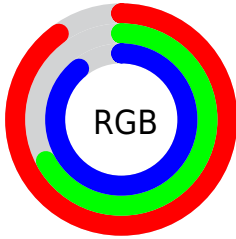
Format	Color
R _Y B	229, 170, 228
Decimal	15051492
CIE Lab	76.68, 31.09, -20.71
CIE LCh	77, 37.352, 326.330
Yxy	51.0074, 0.3166, 0.2660
Android (android.graphics.Color)	4293241572 (0xFFE5AAE4)
YUV	194.2530, 16.6373, 30.4731
Hunter-Lab	71.4194, 26.7294, -16.4601

Details

The YIQ color $194.2530, 16.5460, 30.5460$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $204.7470, -16.5460, -30.5460$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $237.9770, 7.9750, 15.1670$, and $140.0140, 15.7210, 28.9770$ is the 20% darker color. If you saturate the color by 10%, you get $180.7520, 22.8710, 42.5750$, and if you desaturate by 10%, it is $207.7540, 10.2210, 18.5170$.

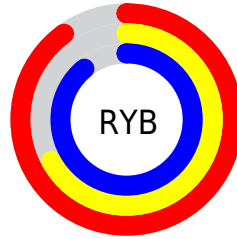
Distribution



Red (90%)

Green (67%)

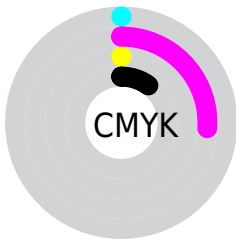
Blue (89%)



Red (90%)

Yellow (67%)

Blue (89%)

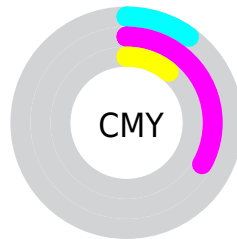


Cyan (0%)

Magenta (26%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.2530, 16.5460, 30.5460 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 194.2530, 16.5460, 30.5460 by changing the saturation by 10% instead.

194.2530, 16.5460,
30.5460

194.2530, 16.5460,
30.5460

255.0000, -0.0000,
-0.0000

166.8400, 16.2710,
30.0230

237.9770, 7.9750,
15.1670

140.0140, 15.7210,
28.9770

114.3020, 14.8500,
28.2420

88.5900, 13.9790,
27.5070

64.7640, 13.4290,
26.4610

40.4650, 12.8330,
26.2490

19.3400, 11.6870,

24.9910

■ 9.7700, 4.1240,
13.3720

■ 0.0000, 0.0000,
0.0000

■ 194.2530, 16.5460,
30.5460

■ 194.2530, 16.5460,
30.5460

■ 180.7520, 22.8710,
42.5750

■ 207.7540, 10.2210,
18.5170

■ 167.1370, 29.5170,
54.2930

■ 221.3690, 3.5750,
6.7990

■ 153.6360, 35.8420,
66.3220

■ 234.8700, -2.7500,
-5.2300

■ 140.0210, 42.4880,
78.0400

■ 244.3760, -7.4710,
-13.2870

■ 126.5200, 48.8130,
90.0690

■ 244.4900, -7.7920,
-12.9760

■ 113.6060, 54.8630,
101.5750

■ 244.6040, -8.1130,
-12.6650

■ 99.9910, 61.5090,
113.2930

■ 94.1210, 64.2590,
118.5230

Harmonies

Analogous

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



191.6600, -18.5730, 22.7310



194.2530, 16.5460, 30.5460



193.5580, 43.3680, 29.0320

Triad

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



194.2530, 16.5460, 30.5460



187.7450, 39.6620, -13.9540



165.6110, -89.0800, -26.5840

Complementary

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



194.2530, 16.5460, 30.5460



204.7470, -16.5460, -30.5460

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.



172.3740, -57.8560, -30.7840



194.2530, 16.5460, 30.5460



183.5350, 13.5300, -24.9500

Square

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



194.2530, 16.5460, 30.5460



189.9570, 54.2850, 1.8770



179.0070, -20.2140, -30.1500



171.4240, -86.5150, -12.4910

Rectangle

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



194.2530, 16.5460, 30.5460



191.4200, 52.2640, 21.9920



179.0070, -20.2140, -30.1500



167.5210, -80.1390, -28.9310

Sweetspot

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



194.2530, 16.5460, 30.5460



243.2600, 5.5000, 10.4600



177.0250, -18.3430, 18.5610



120.2550, 3.8960, 6.4880



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.



194.2530, 16.5460, 30.5460



208.5130, 22.0460, 41.0060



190.9470, 25.8550, 21.5270



107.9560, 3.3000, 6.2760



73.4710, 50.5090, 92.3730



20.9490, 14.3460, 26.3620

Inverse Universe

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



194.2530, 16.5460, 30.5460



208.5130, 22.0460, 41.0060



208.0530, -25.8550, -21.5270



107.9560, 3.3000, 6.2760



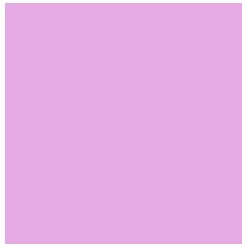
73.4710, 50.5090, 92.3730



20.9490, 14.3460, 26.3620

Previews

White Background



This preview shows how the YIQ color 194.2530, 16.5460, 30.5460 looks on a white background.

Color Contrast Check

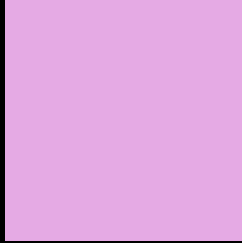
Large Text (above 18pt) WCAG AA × Fail

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 194.2530, 16.5460, 30.5460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

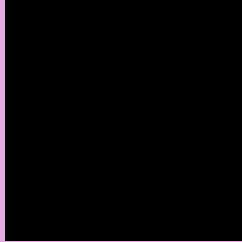
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.2530, 16.5460, 30.5460

Background



This preview shows how black text looks on a background with the YIQ color 194.2530, 16.5460, 30.5460.



This preview shows how white text looks on a background with the YIQ color 194.2530, 16.5460,

30.5460.

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

194.2530, 16.5460, 30.5460

Protanopia

190.3400, -23.8440, 13.6280

Deuteranopia

191.3540, -9.2640, 13.7120



Tritanopia

192.6490, 23.5180, 14.3180

Trichromacy



Original Color

194.2530, 16.5460, 30.5460



Protanomaly

191.4560, -9.3110, 20.0730



Deuteranomaly

192.7190, 0.1340, 19.6060



Tritanomaly

192.9680, 21.3620, 20.3540

Monochromacy



Original Color

194.2530, 16.5460, 30.5460



Achromatopsia

194.0000, -0.0000, 0.0000



Achromatomaly

193.9720, 6.3710, 11.1950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.2530, 16.5460, 30.5460 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(229, 170, 228)` looks like.

```
.text, #text, p{  
    color:rgb(229, 170, 228)  
}
```

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(229, 170, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 170, 228) }
```

Border

The CSS property to change the border of an element to YIQ 194.2530, 16.5460, 30.5460 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(229, 170, 228) }
```


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

```
.border{ border-color:rgb(229, 170, 228) }
```

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

Here you see how a box with a 4 pixel rgb(229, 170, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 170, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 170, 228);  
box-shadow:4px 4px 4px 4px rgb(229, 170,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 194.2530, 16.5460, 30.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 170, 228) }
```

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

```
.background{ background-color: rgb(229,  
170, 228) }
```

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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