

Converting Colors

YIQ(193.6190, 24.2030, 29.4430)

Have a look what the booklet for
YIQ(193.6190, 24.2030, 29.4430)
contains.

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Color

**YIQ(193.6190, 24.2030,
29.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA8D9
RGB	235, 168, 217
RGB Percent	92%, 66%, 85%
CMY	0.0782, 0.3413, 0.1490
CMYK	0.00, 0.29, 0.08, 0.08
HSL	316°, 63%, 79%
HSV	316°, 29%, 92%
XYZ	60.8007, 50.6759, 72.2326
YIQ	193.6190, 24.2030, 29.4430

Conversions

Conversions Part 2

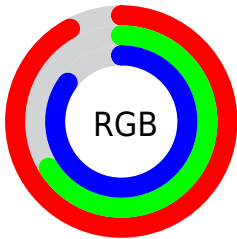
Format	Color
RYB	235, 168, 217
Decimal	15444185
CIELab	76.48, 32.19, -14.98
CIELCh	76, 35.501, 335.046
Yxy	50.6759, 0.3310, 0.2758
Android (android.graphics.Color)	4293634265 (0xFFEBA8D9)
YUV	193.6190, 11.5268, 36.2911
Hunter-Lab	71.1870, 27.8794, -10.3300

Details

The YIQ color **193.6190, 24.2030, 29.4430** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **209.3810, -24.2030, -29.4430**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.8030, 8.5250, 16.2130**, and **139.1950, 22.4610, 27.9730** is the 20% darker color. If you saturate the color by 10%, you get **178.8470, 32.7290, 40.1290**, and if you desaturate by 10%, it is **207.8040, 15.9520, 19.2800**.

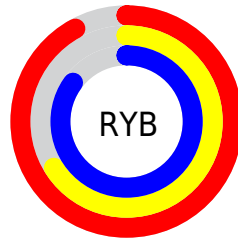
Distribution



Red (92%)

Green (66%)

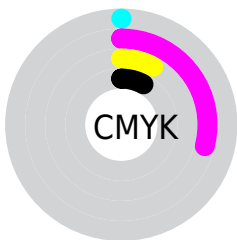
Blue (85%)



Red (92%)

Yellow (66%)

Blue (85%)

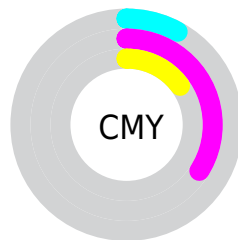


Cyan (0%)

Magenta (29%)

Yellow (8%)

Black (8%)



Cyan (8%)


Magenta (34%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 193.6190, 24.2030, 29.4430 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 193.6190, 24.2030, 29.4430 by changing the saturation by 10% instead.


 193.6190, 24.2030,
29.4430


 193.6190, 24.2030,
29.4430


255.0000, -0.0000,
-0.0000


 165.9070, 23.3320,
28.7080


 236.8030, 8.5250,
16.2130


 139.1950, 22.4610,
27.9730

 253.8260, 0.5500,
1.0460

 113.4830, 21.5900,
27.2380

 87.7710, 20.7190,
26.5030

 63.4720, 20.1230,
26.2910

 39.2870, 19.2060,
26.3900

 19.6240, 16.6390,

23.3510

■ 10.0540, 9.0760,
11.7320

■ 0.0000, 0.0000,
0.0000

■ 193.6190, 24.2030,
29.4430

■ 193.6190, 24.2030,
29.4430

■ 178.8470, 32.7290,
40.1290

■ 207.8040, 15.9520,
19.2800

■ 164.5480, 41.3010,
49.9810

■ 222.6900, 7.1050,
8.9050

■ 149.7760, 49.8270,
60.6670

■ 236.8750, -1.1460,
-1.2580

■ 135.5910, 58.0780,
70.8300

■ 247.5380, -7.7470,
-8.2830

■ 120.7050, 66.9250,
81.2050

■ 248.3360, -9.9940,
-6.1060

■ 106.5200, 75.1760,
91.3680

■ 249.0200,
-11.9200, -4.2400

■ 91.7480, 83.7020,
102.0540

■ 89.8730, 84.8480,
103.3120

Harmonies

Analogous

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



191.8740, -7.4320, 24.5680



193.6190, 24.2030, 29.4430



192.5920, 46.0280, 24.8760

Triad

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



193.6190, 24.2030, 29.4430



185.9720, 31.5930, -16.3990



168.4100, -83.9000, -21.3400

Complementary

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



193.6190, 24.2030, 29.4430



209.3810, -24.2030, -29.4430

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.



171.3180, -63.4500, -28.5220



193.6190, 24.2030, 29.4430



182.3320, 3.8560, -25.8400

Square

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



193.6190, 24.2030, 29.4430



188.6850, 49.0590, -2.5330



177.1570, -29.3840, -29.1600



175.7680, -72.6240, -5.4240

Rectangle

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



193.6190, 24.2030, 29.4430



191.0840, 53.0900, 18.0340



177.1570, -29.3840, -29.1600



168.4550, -79.7730, -24.5490

Sweetspot

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



193.6190, 24.2030, 29.4430



240.8150, 8.2510, 10.1630



181.0200, -10.7790, 24.6530



118.7390, 5.4090, 6.6010



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.



193.6190, 24.2030, 29.4430



201.3090, 31.3080, 38.3480



189.8570, 34.7960, 19.1800



110.2010, 3.9880, 4.8200



69.1670, 65.5040, 79.4240



20.5920, 19.6650, 23.5770

Inverse Universe

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



193.6190, 24.2030, 29.4430



201.3090, 31.3080, 38.3480



213.1430, -34.7960, -19.1800



110.2010, 3.9880, 4.8200



69.1670, 65.5040, 79.4240



20.5920, 19.6650, 23.5770

Previews

White Background



This preview shows how the YIQ color 193.6190, 24.2030, 29.4430 looks on a white background.

Color Contrast Check

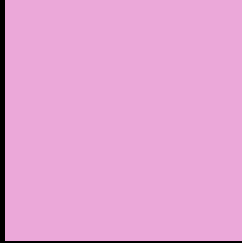
Large Text (above 18pt) WCAG AA × Fail

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 193.6190, 24.2030, 29.4430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

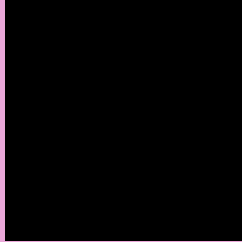
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.6190, 24.2030, 29.4430

Background



This preview shows how black text looks on a background with the YIQ color 193.6190, 24.2030, 29.4430.



This preview shows how white text looks on a background with the YIQ color 193.6190, 24.2030,

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

193.6190, 24.2030, 29.4430

Protanopia

189.8090, -17.9750, 11.8890

Deuteranopia

191.0080, -2.4780, 11.8740



Tritanopia

191.9380, 30.0740, 16.6500

Trichromacy



Original Color

193.6190, 24.2030, 29.4430



Protanomaly

191.1100, -2.5250, 18.2350



Deuteranomaly

191.7860, 7.1950, 18.2910



Tritanomaly

192.3170, 27.6890, 21.3290

Monochromacy



Original Color

193.6190, 24.2030, 29.4430



Achromatopsia

194.0000, -0.0000, 0.0000



Achromatomaly

194.1140, 8.8470, 10.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.6190, 24.2030, 29.4430 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(235, 168, 217)` looks like.

```
.text, #text, p{  
    color:rgb(235, 168, 217)  
}
```

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(235, 168, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 168, 217) }
```

Border

The CSS property to change the border of an element to YIQ 193.6190, 24.2030, 29.4430 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(235, 168, 217) }
```


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

```
.border{ border-color:rgb(235, 168, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 168, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 168, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 168, 217);  
box-shadow:4px 4px 4px 4px rgb(235, 168,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 193.6190, 24.2030, 29.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 168, 217) }
```

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

```
.background{ background-color: rgb(235,  
168, 217) }
```

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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