

Converting Colors

YIQ(195.3310, 25.0740, 30.1780)

Have a look what the booklet for
YIQ(195.3310, 25.0740, 30.1780)
contains.

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Color

**YIQ(195.3310, 25.0740,
30.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	EEA9DB
RGB	238, 169, 219
RGB Percent	93%, 66%, 86%
CMY	0.0665, 0.3373, 0.1411
CMYK	0.00, 0.29, 0.08, 0.07
HSL	317°, 67%, 80%
HSV	317°, 29%, 93%
XYZ	62.2474, 51.6662, 73.7203
YIQ	195.3310, 25.0740, 30.1780

Conversions

Conversions Part 2

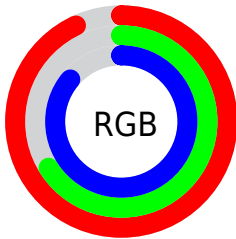
Format	Color
R _Y B	238, 169, 219
Decimal	15641051
CIE Lab	77.08, 33.00, -15.14
CIE LCh	77, 36.303, 335.360
Yxy	51.6662, 0.3317, 0.2754
Android (android.graphics.Color)	4293831131 (0xFFEEA9DB)
YUV	195.3310, 11.6688, 37.4207
Hunter-Lab	71.8792, 28.7924, -10.4932

Details

The YIQ color $195.3310, 25.0740, 30.1780$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $211.6690, -25.0740, -30.1780$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $237.3900, 8.2500, 15.6900$, and $140.9070, 23.3320, 28.7080$ is the 20% darker color. If you saturate the color by 10%, you get $180.4450, 33.9210, 40.5530$, and if you desaturate by 10%, it is $210.2170, 16.2270, 19.8030$.

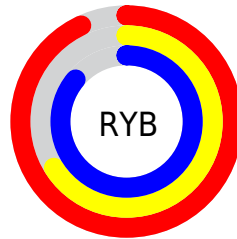
Distribution



Red (93%)

Green (66%)

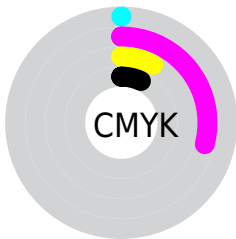
Blue (86%)



Red (93%)

Yellow (66%)

Blue (86%)

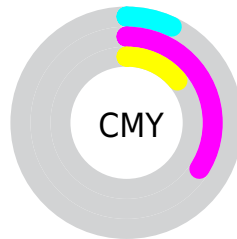


Cyan (0%)

Magenta (29%)

Yellow (8%)

Black (7%)



Cyan (7%)

Magenta (34%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.3310, 25.0740, 30.1780 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 195.3310, 25.0740, 30.1780 by changing the saturation by 10% instead.

195.3310, 25.0740,
30.1780

195.3310, 25.0740,
30.1780

255.0000, -0.0000,
-0.0000

167.6190, 24.2030,
29.4430

237.3900, 8.2500,
15.6900

140.9070, 23.3320,
28.7080

254.4130, 0.2750,
0.5230

115.1950, 22.4610,
27.9730

89.4830, 21.5900,
27.2380

64.8850, 20.3980,
26.8140

39.9990, 20.0770,
27.1250

20.3360, 17.5100,

24.0860

■ 11.0650, 10.5430,
12.6790

■ 0.0000, 0.0000,
0.0000

■ 195.3310, 25.0740,
30.1780

■ 195.3310, 25.0740,
30.1780

■ 180.4450, 33.9210,
40.5530

■ 210.2170, 16.2270,
19.8030

■ 165.6730, 42.4470,
51.2390

■ 224.9890, 7.7010,
9.1170

■ 151.3740, 51.0190,
61.0910

■ 239.2880, -0.8710,
-0.7350

■ 136.6020, 59.5450,
71.7770

■ 248.7770, -6.9220,
-6.7140

■ 121.7160, 68.3920,
82.1520

■ 249.5750, -9.1690,
-4.5370

■ 106.9440, 76.9180,
92.8380

■ 249.9170,
-10.1320, -3.6040

■ 92.0580, 85.7650,
103.2130

■ 90.7700, 86.6360,
103.9480

Harmonies

Analogous

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



193.7000, -6.8820, 25.6140



195.3310, 25.0740, 30.1780



194.1900, 47.2200, 25.3000

Triad

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



195.3310, 25.0740, 30.1780



187.4450, 31.6390, -17.2330



169.0290, -87.2010, -22.0890

Complementary

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



195.3310, 25.0740, 30.1780



211.6690, -25.0740, -30.1780

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.



172.4210, -65.2380, -29.1580



195.3310, 25.0740, 30.1780



183.9190, 3.5810, -26.3630

Square

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



195.3310, 25.0740, 30.1780



190.7560, 50.2970, -2.9430



178.4450, -30.2550, -29.8950



177.0990, -75.0540, -5.4380

Rectangle

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



195.3310, 25.0740, 30.1780



192.8560, 53.7320, 17.4120



178.4450, -30.2550, -29.8950



169.0740, -83.0740, -25.2980

Sweetspot

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



195.3310, 25.0740, 30.1780



240.8150, 8.2510, 10.1630



182.2480, -11.4210, 25.2750



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.



195.3310, 25.0740, 30.1780



199.9070, 32.5000, 38.7720



191.4550, 35.9880, 19.6040



112.6140, 4.2630, 5.3430



70.1780, 66.9710, 80.3710



21.4180, 20.2150, 24.6230

Inverse Universe

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



195.3310, 25.0740, 30.1780



199.9070, 32.5000, 38.7720



215.5450, -35.9880, -19.6040



112.6140, 4.2630, 5.3430



70.1780, 66.9710, 80.3710



21.4180, 20.2150, 24.6230

Previews

White Background



This preview shows how the YIQ color 195.3310, 25.0740, 30.1780 looks on a white background.

Color Contrast Check

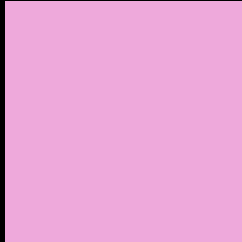
Large Text (above 18pt) WCAG AA × Fail

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 195.3310, 25.0740, 30.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

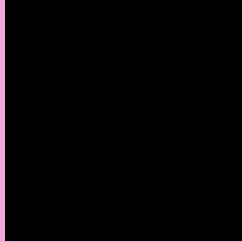
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.3310, 25.0740, 30.1780

Background



This preview shows how black text looks on a background with the YIQ color 195.3310, 25.0740, 30.1780.



This preview shows how white text looks on a background with the YIQ color 195.3310, 25.0740,

30.1780.

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

195.3310, 25.0740, 30.1780

Protanopia

191.5100, -18.5710, 11.6770

Deuteranopia

192.7090, -3.0740, 11.6620



Tritanopia

194.1230, 30.9910, 16.5510

Trichromacy



Original Color

195.3310, 25.0740, 30.1780

Protanomaly

193.1100, -2.5250, 18.2350

Deuteranomaly

193.7860, 7.1950, 18.2910

Tritanomaly

194.5020, 28.6060, 21.2300

Monochromacy



Original Color

195.3310, 25.0740, 30.1780

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.5270, 9.1220, 10.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.3310, 25.0740, 30.1780 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(238, 169, 219)` looks like.

```
.text, #text, p{  
    color:rgb(238, 169, 219)  
}
```

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(238, 169, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 169, 219) }
```

Border

The CSS property to change the border of an element to YIQ 195.3310, 25.0740, 30.1780 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(238, 169, 219) }
```


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

```
.border{ border-color:rgb(238, 169, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 169, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 169, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 169, 219); box-shadow:4px 4px 4px 4px rgb(238, 169, 219) }
```

Background

The CSS property to change the background color of an element to YIQ 195.3310, 25.0740, 30.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 169, 219) }
```

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

```
.background{ background-color: rgb(238,  
169, 219) }
```

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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