

Converting Colors

YIQ(195.6910, 6.5050, 30.8010)

Have a look what the booklet for
YIQ(195.6910, 6.5050, 30.8010)
contains.

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Color

**YIQ(195.6910, 6.5050,
30.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	DDAEF1
RGB	221, 174, 241
RGB Percent	87%, 68%, 95%
CMY	0.1332, 0.3177, 0.0549
CMYK	0.08, 0.28, 0.00, 0.05
HSL	282°, 71%, 81%
HSV	282°, 28%, 95%
XYZ	60.8392, 51.9933, 90.0430
YIQ	195.6910, 6.5050, 30.8010

Conversions

Conversions Part 2

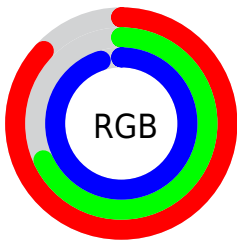
Format	Color
R_{YB}	221, 174, 241
Decimal	14528241
CIE _{Lab}	77.28, 28.85, -26.90
CIE _{LCh}	77, 39.451, 317.001
Yxy	51.9933, 0.2999, 0.2563
Android (android.graphics.Color)	4292718321 (0xFFDDAEF1)
YUV	195.6910, 22.3373, 22.1960
Hunter-Lab	72.1064, 24.4217, -23.5641

Details

The YIQ color **195.6910, 6.5050, 30.8010** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **219.3090, -6.5050, -30.8010**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3250, 6.8750, 13.0750**, and **141.4520, 5.6800, 29.2320** is the 20% darker color. If you saturate the color by 10%, you get **179.5100, 8.9330, 41.8690**, and if you desaturate by 10%, it is **211.8720, 4.0770, 19.7330**.

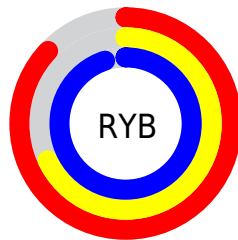
Distribution



Red (87%)

Green (68%)

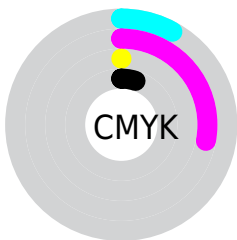
Blue (95%)



Red (87%)

Yellow (68%)

Blue (95%)

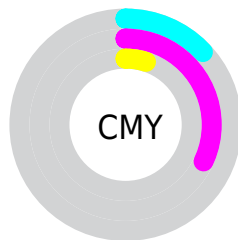


Cyan (8%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (32%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.6910, 6.5050, 30.8010 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 195.6910, 6.5050, 30.8010 by changing the saturation by 10% instead.

■ 195.6910, 6.5050,
30.8010

■ 195.6910, 6.5050,
30.8010

255.0000, -0.0000,
-0.0000

■ 168.2780, 6.2300,
30.2780

■ 240.3250, 6.8750,
13.0750

■ 141.4520, 5.6800,
29.2320

■ 115.6260, 5.1300,
28.1860

■ 90.6860, 4.9010,
26.8290

■ 66.2730, 4.6260,
26.3060

■ 42.8600, 4.3510,
25.7830

■ 20.0340, 3.8010,

24.7370

■ 8.8880, -2.0200,
14.5880

■ 1.3680, -3.8520,
3.7320

■ 195.6910, 6.5050,
30.8010

■ 195.6910, 6.5050,
30.8010

■ 179.5100, 8.9330,
41.8690

■ 211.8720, 4.0770,
19.7330

■ 163.3290, 11.3610,
52.9370

■ 228.0530, 1.6490,
8.6650

■ 147.1480, 13.7890,
64.0050

■ 244.5330, -0.1830,
-2.1910

■ 130.6680, 15.6210,
74.8610

■ 251.9090, 1.5140,
-5.4140

■ 113.9000, 18.3240,
86.4520

■ 253.4040, 4.4940,
-4.3540

■ 97.7190, 20.7520,
97.5200

■ 81.5380, 23.1800,
108.5880

■ 78.0050, 23.3630,
110.7790

Harmonies

Analogous

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



190.2670, -30.7680, 17.9680



195.6910, 6.5050, 30.8010



195.3280, 38.3240, 32.3400

Triad

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



195.6910, 6.5050, 30.8010



189.5720, 47.6390, -9.8410



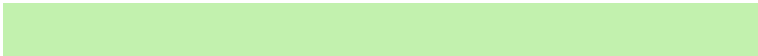
165.2640, -89.7210, -31.4890

Complementary

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



195.6910, 6.5050, 30.8010



219.3090, -6.5050, -30.8010

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.



174.3980, -49.2360, -32.8200



195.6910, 6.5050, 30.8010



186.1510, 23.4790, -23.5370

Square

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



195.6910, 6.5050, 30.8010



192.1690, 59.7400, 7.6440



181.4550, -9.8520, -30.7160



165.6560, -102.1480, -21.0280

Rectangle

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



195.6910, 6.5050, 30.8010



192.9020, 48.0910, 26.0350



181.4550, -9.8520, -30.7160



168.8540, -76.8830, -32.8750

Sweetspot

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



195.6910, 6.5050, 30.8010



241.4660, 1.9240, 9.1880



193.3780, -27.0070, 10.3770



119.1730, 1.1910, 5.9510



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.



195.6910, 6.5050, 30.8010



198.2170, 8.2000, 38.6320



200.1890, 22.5980, 30.9980



111.7600, 0.9160, 5.4280



59.5470, 17.8200, 84.5720



18.0450, 5.2680, 25.6840

Inverse Universe

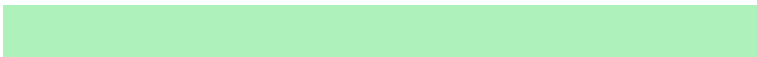
The Inverse Universe completely reimagines the original color for something new.



196.3130, 33.5120, 20.4240



198.9660, 42.0390, 25.5830



214.8110, -22.5980, -30.9980



111.9300, 6.1890, 3.4770



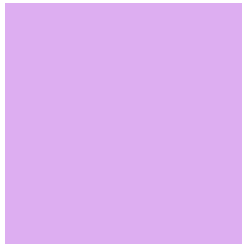
61.2860, 92.0090, 56.1130



18.6820, 27.9190, 17.1590

Previews

White Background



This preview shows how the YIQ color 195.6910, 6.5050, 30.8010 looks on a white background.

Color Contrast Check

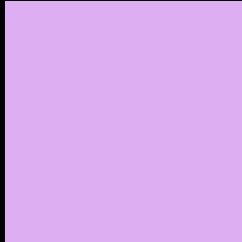
Large Text (above 18pt) WCAG AA × Fail

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 195.6910, 6.5050, 30.8010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

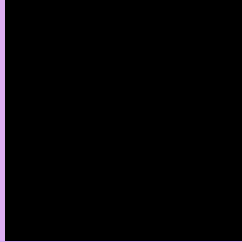
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.6910, 6.5050, 30.8010

Background



This preview shows how black text looks on a background with the YIQ color 195.6910, 6.5050, 30.8010.



This preview shows how white text looks on a background with the YIQ color 195.6910, 6.5050,

30.8010.

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

195.6910, 6.5050, 30.8010

Protanopia

191.6970, -29.1630, 16.4130

Deuteranopia

192.2160, -17.5630, 15.4370



Tritanopia

193.2780, 14.2570, 11.4490

Trichromacy



Original Color

195.6910, 6.5050, 30.8010

Protanomaly

193.3890, -16.3720, 21.3880

Deuteranomaly

193.2820, -8.7610, 21.1190

Tritanomaly

194.2380, 11.7340, 18.6300

Monochromacy



Original Color

195.6910, 6.5050, 30.8010

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.8190, 2.4280, 11.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.6910, 6.5050, 30.8010 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(221, 174, 241)` looks like.

```
.text, #text, p{  
    color:rgb(221, 174, 241)  
}
```

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(221, 174, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 174, 241) }
```

Border

The CSS property to change the border of an element to YIQ 195.6910, 6.5050, 30.8010 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(221, 174, 241) }
```


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

```
.border{ border-color:rgb(221, 174, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 174, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 174, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 174, 241);  
box-shadow:4px 4px 4px 4px rgb(221, 174,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 195.6910, 6.5050, 30.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 174, 241) }
```

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

```
.background{ background-color: rgb(221,  
174, 241) }
```

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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