

Converting Colors

YIQ(191.0490, -0.5550, 26.5890)

Have a look what the booklet for
YIQ(191.0490, -0.5550, 26.5890)
contains.

YIQ(191.0490, -0.5550, 26.5890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(191.0490, -0.5550,
26.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	CFAEED
RGB	207, 174, 237
RGB Percent	81%, 68%, 93%
CMY	0.1881, 0.3177, 0.0706
CMYK	0.13, 0.27, 0.00, 0.07
HSL	271°, 64%, 81%
HSV	271°, 27%, 93%
XYZ	56.1581, 49.6502, 86.7344
YIQ	191.0490, -0.5550, 26.5890

Conversions

Conversions Part 2

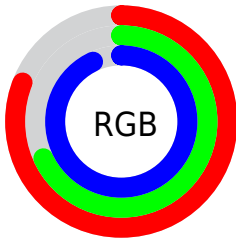
Format	Color
R _{YB}	207, 174, 237
Decimal	13610733
CIE Lab	75.85, 23.64, -27.03
CIE LCh	76, 35.908, 311.170
Yxy	49.6502, 0.2917, 0.2579
Android (android.graphics.Color)	4291800813 (0xFFCFAEED)
YUV	191.0490, 22.6538, 13.9890
Hunter-Lab	70.4629, 18.9523, -23.6574

Details

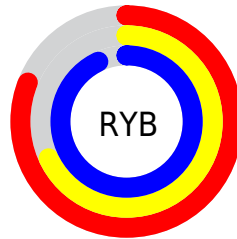
The YIQ color $191.0490, -0.5550, 26.5890$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $219.9510, 0.5550, -26.5890$, and the grayscale version is $191.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $240.3250, 6.8750, 13.0750$, and $137.1090, -0.7840, 25.2320$ is the 20% darker color. If you saturate the color by 10%, you get $173.6720, -0.5110, 36.8090$, and if you desaturate by 10%, it is $208.4260, -0.5990, 16.3690$.

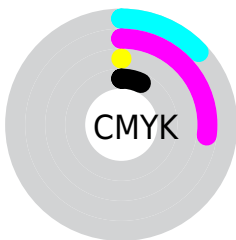
Distribution



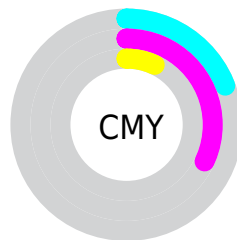
- Red (81%)
- Green (68%)
- Blue (93%)



- Red (81%)
- Yellow (68%)
- Blue (93%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (7%)



- Cyan (19%)
- Magenta (32%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.0490, -0.5550, 26.5890 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 191.0490, -0.5550, 26.5890 by changing the saturation by 10% instead.

■ 191.0490, -0.5550,
26.5890

■ 191.0490, -0.5550,
26.5890

■ 255.0000, -0.0000,
-0.0000

■ 163.6360, -0.8300,
26.0660

■ 240.3250, 6.8750,
13.0750

■ 137.1090, -0.7840,
25.2320

■ 111.5820, -0.7380,
24.3980

■ 86.7560, -1.2880,
23.3520

■ 62.9300, -1.8380,
22.3060

■ 39.9900, -2.0670,
20.9490

■ 17.8760, -1.7460,

20.6380

■ 3.7620, -10.5930,
10.2630

■ 0.6840, -1.9260,
1.8660

■ 191.0490, -0.5550,
26.5890

■ 191.0490, -0.5550,
26.5890

■ 173.6720, -0.5110,
36.8090

■ 208.4260, -0.5990,
16.3690

■ 156.5830, -1.3380,
46.2940

■ 225.5150, 0.2280,
6.8840

■ 139.2060, -1.2940,
56.5140

■ 242.8920, 0.1840,
-3.3360

■ 121.8290, -1.2500,
66.7340

■ 252.0510, 3.9900,
-6.2340

■ 104.4520, -1.2060,
76.9540

■ 252.9480, 5.7780,
-5.5980

■ 87.3630, -2.0330,
86.4390

■ 69.9860, -1.9890,
96.6590

■ 64.0940, -2.1730,
99.9950

Harmonies

Analogous

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



186.0490, -36.0860, 15.2260



191.0490, -0.5550, 26.5890



191.5550, 30.2550, 29.8950

Triad

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



191.0490, -0.5550, 26.5890



186.9080, 46.8130, -5.8830



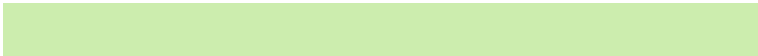
167.8380, -70.7860, -27.7300

Complementary

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



191.0490, -0.5550, 26.5890



219.9510, 0.5550, -26.5890

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.



174.0360, -36.3530, -29.5130



191.0490, -0.5550, 26.5890



183.6400, 26.5960, -19.4520

Square

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



191.0490, -0.5550, 26.5890



188.7110, 55.3380, 10.3300



179.8690, -2.1500, -27.1260



166.7950, -86.4220, -19.6860

Rectangle

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



191.0490, -0.5550, 26.5890



191.1620, 44.4230, 26.4310



179.8690, -2.1500, -27.1260



170.0580, -59.7820, -28.9180

Sweetspot

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



191.0490, -0.5550, 26.5890



240.2700, -0.4600, 8.3400



198.7920, -28.4730, 3.9030



118.2760, -0.5970, 5.3150



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.



191.0490, -0.5550, 26.5890



195.2050, -0.6940, 34.6180



199.9050, 17.6460, 32.6380



109.0480, 0.0450, 4.6930



49.0390, -1.4810, 76.4310



14.5280, -0.6460, 22.7300

Inverse Universe

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



196.2570, 27.9180, 22.6860



201.9640, 36.3530, 29.5130



211.0950, -17.6460, -32.6380



109.8590, 4.9510, 3.8870



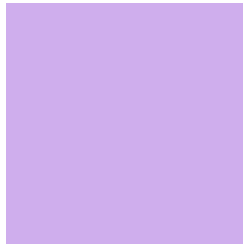
63.9230, 80.2700, 65.1180



18.9960, 24.1590, 19.2230

Previews

White Background



This preview shows how the YIQ color 191.0490, -0.5550, 26.5890 looks on a white background.

Color Contrast Check

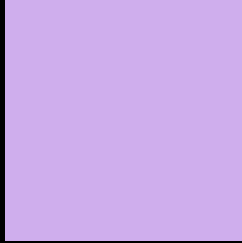
Large Text (above 18pt) WCAG AA × Fail

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 191.0490, -0.5550, 26.5890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

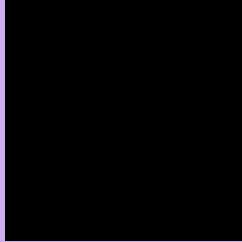
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.0490, -0.5550, 26.5890

Background



This preview shows how black text looks on a background with the YIQ color 191.0490, -0.5550, 26.5890.



This preview shows how white text looks on a background with the YIQ color 191.0490, -0.5550,

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

191.0490, -0.5550, 26.5890

Protanopia

187.6540, -27.6040, 15.6920

Deuteranopia

188.0310, -18.4800, 15.5360



Tritanopia

188.9780, 6.2340, 8.1700

Trichromacy



Original Color

191.0490, -0.5550, 26.5890

Protanomaly

188.8510, -17.7930, 19.6070

Deuteranomaly

189.3740, -12.0160, 19.5360

Tritanomaly

189.8240, 4.0320, 15.0400

Monochromacy



Original Color

191.0490, -0.5550, 26.5890

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.2100, -0.2310, 9.6970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.0490, -0.5550, 26.5890 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(207, 174, 237)` looks like.

```
.text, #text, p{  
    color:rgb(207, 174, 237)  
}
```

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(207, 174, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 174, 237) }
```

Border

The CSS property to change the border of an element to YIQ 191.0490, -0.5550, 26.5890 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(207, 174, 237) }
```


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

```
.border{ border-color:rgb(207, 174, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 174, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 174, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 174, 237);  
box-shadow:4px 4px 4px 4px rgb(207, 174,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 191.0490, -0.5550, 26.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 174, 237) }
```

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

```
.background{ background-color: rgb(207,  
174, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor