

Converting Colors

YIQ(191.2210, -6.7910, 29.4730)

Have a look what the booklet for
YIQ(191.2210, -6.7910, 29.4730)
contains.

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Color

**YIQ(191.2210, -6.7910,
29.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	CBAEF9
RGB	203, 174, 249
RGB Percent	80%, 68%, 98%
CMY	0.2038, 0.3177, 0.0236
CMYK	0.18, 0.30, 0.00, 0.02
HSL	263°, 86%, 83%
HSV	263°, 30%, 98%
XYZ	56.8659, 49.8063, 96.2212
YIQ	191.2210, -6.7910, 29.4730

Conversions

Conversions Part 2

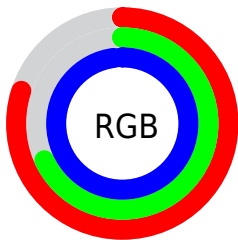
Format	Color
R _Y B	203, 174, 249
Decimal	13348601
CIE Lab	75.95, 24.98, -33.39
CIE LCh	76, 41.700, 306.799
Yxy	49.8063, 0.2803, 0.2455
Android (android.graphics.Color)	4291538681 (0xFFCBAEF9)
YUV	191.2210, 28.4850, 10.3302
Hunter-Lab	70.5736, 20.3256, -31.4355

Details

The YIQ color $191.2210, -6.7910, 29.4730$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $231.7790, 6.7910, -29.4730$, 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 $137.1670, -6.6990, 27.8050$ is the 20% darker color. If you saturate the color by 10%, you get $172.0610, -8.8560, 39.3680$, and if you desaturate by 10%, it is $210.3810, -4.7260, 19.5780$.

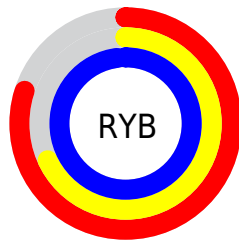
Distribution



Red (80%)

Green (68%)

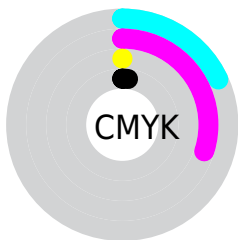
Blue (98%)



Red (80%)

Yellow (68%)

Blue (98%)

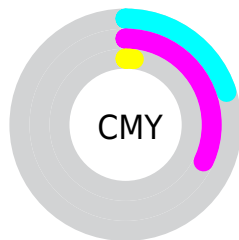


Cyan (18%)

Magenta (30%)

Yellow (0%)

Black (2%)



Cyan (20%)


Magenta (32%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.2210, -6.7910, 29.4730 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 191.2210, -6.7910, 29.4730 by changing the saturation by 10% instead.


 191.2210, -6.7910,
29.4730

 191.2210, -6.7910,
29.4730


255.0000, -0.0000,
-0.0000


 163.6940, -6.7450,
28.6390


 240.3250, 6.8750,
13.0750

 137.1670, -6.6990,
27.8050

 111.3410, -7.2490,
26.7590

 86.7000, -6.8820,
25.6140

 62.5750, -8.0280,
24.3560

 40.2220, -8.5320,
22.4760

 17.0970, -9.6780,

21.2180

■ 4.7880, -13.4820,
13.0620

■ 2.8670, -6.6950,
5.6970

■ 191.2210, -6.7910,
29.4730

■ 191.2210, -6.7910,
29.4730

■ 172.0610, -8.8560,
39.3680

■ 210.3810, -4.7260,
19.5780

■ 152.9010,
-10.9210, 49.2630

■ 229.8400, -2.0650,
9.8950

■ 133.4420,
-13.5820, 58.9460

■ 249.0000, -0.0000,
-0.0000

■ 114.2820,
-15.6470, 68.8410

■ 254.3160, 1.9260,
-1.8660

■ 95.7090, -17.9870,
78.2130

■ 76.2500, -20.6480,
87.8960

■ 57.0900, -22.7130,
97.7910

Harmonies

Analogous

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



182.7810, -47.1350, 11.7210



191.2210, -6.7910, 29.4730



192.6030, 30.3000, 34.5880

Triad

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



191.2210, -6.7910, 29.4730



186.3390, 55.8450, -4.3710



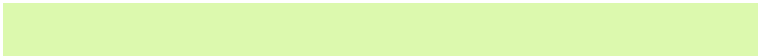
161.0700, -86.4190, -36.2670

Complementary

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



191.2210, -6.7910, 29.4730



231.7790, 6.7910, -29.4730

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.



172.5040, -37.9110, -34.3190



191.2210, -6.7910, 29.4730



183.8920, 34.5740, -20.8660

Square

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



191.2210, -6.7910, 29.4730



187.6410, 61.5270, 13.8070



179.3870, 2.0230, -31.1690



147.3700, -131.1220, -35.5860

Rectangle

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



191.2210, -6.7910, 29.4730



190.4060, 46.8520, 31.9720



179.3870, 2.0230, -31.1690



165.5790, -68.8590, -35.1230

Sweetspot

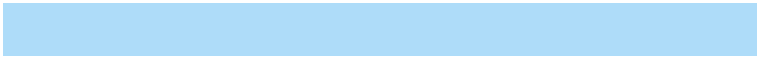
The Sweet Spot groups the original color and five complimentary colors.



191.2210, -6.7910, 29.4730



237.3130, -2.0190, 9.0610



209.5520, -36.7250, -0.7330



116.5040, -1.2390, 5.9370



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.



191.2210, -6.7910, 29.4730



184.2520, -8.0760, 36.2440



202.2840, 15.2610, 37.3170



114.9770, -1.1930, 5.1030



43.3730, -17.1610, 74.2550



14.1300, -5.2770, 24.0590

Inverse Universe

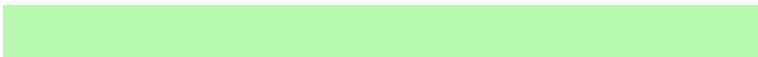
The Inverse Universe completely reimagines the original color for something new.



201.6690, 29.9340, 30.2060



196.8920, 36.8560, 36.9200



220.7160, -15.2610, -37.3170



116.7990, 5.1800, 5.2440



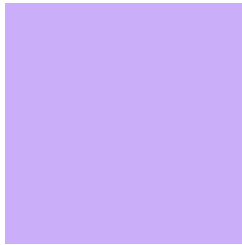
69.7350, 75.4080, 76.1440



22.4570, 24.4790, 24.4390

Previews

White Background



This preview shows how the YIQ color 191.2210, -6.7910, 29.4730 looks on a white background.

Color Contrast Check

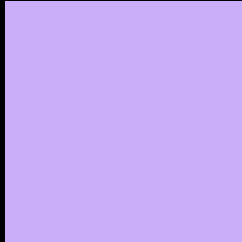
Large Text (above 18pt) WCAG AA × Fail

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 191.2210, -6.7910, 29.4730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

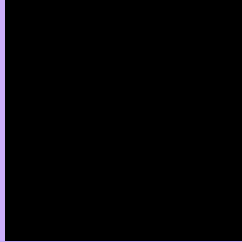
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.2210, -6.7910, 29.4730

Background



This preview shows how black text looks on a background with the YIQ color 191.2210, -6.7910, 29.4730.



This preview shows how white text looks on a background with the YIQ color 191.2210, -6.7910,

29.4730.

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

191.2210, -6.7910, 29.4730

Protanopia

187.5980, -33.1980, 17.9540

Deuteranopia

187.8930, -26.7790, 17.2610



Tritanopia

188.5860, 1.4660, 6.4740

Trichromacy



Original Color

191.2210, -6.7910, 29.4730

Protanomaly

188.9090, -23.7080, 22.1800

Deuteranomaly

188.9480, -19.4440, 21.9960

Tritanomaly

189.3010, -1.7450, 15.1110

Monochromacy



Original Color

191.2210, -6.7910, 29.4730

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.0680, -2.7070, 10.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.2210, -6.7910, 29.4730 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(203, 174, 249)` looks like.

```
.text, #text, p{  
    color:rgb(203, 174, 249)  
}
```

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(203, 174, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 174, 249) }
```

Border

The CSS property to change the border of an element to YIQ 191.2210, -6.7910, 29.4730 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(203, 174, 249) }
```


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

```
.border{ border-color:rgb(203, 174, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 174, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 174, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 174, 249);  
box-shadow:4px 4px 4px 4px rgb(203, 174,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 191.2210, -6.7910, 29.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 174, 249) }
```

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

```
.background{ background-color: rgb(203,  
174, 249) }
```

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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