

Converting Colors

YIQ(199.8460, -10.2290,
25.6990)

Have a look what the booklet for
YIQ(199.8460, -10.2290, 25.6990)
contains.

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Color

**YIQ(199.8460, -10.2290,
25.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBAFF
RGB	206, 186, 255
RGB Percent	81%, 73%, 100%
CMY	0.1921, 0.2706, 0.0001
CMYK	0.19, 0.27, 0.00, 0.00
HSL	257°, 100%, 86%
HSV	257°, 27%, 100%
XYZ	61.0633, 55.4579, 102.0736
YIQ	199.8460, -10.2290, 25.6990

Conversions

Conversions Part 2

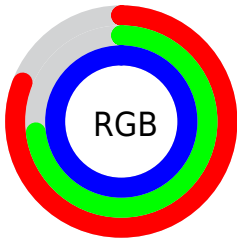
Format	Color
R _Y B	206, 186, 255
Decimal	13548287
CIE Lab	79.30, 20.64, -31.42
CIE LCh	79, 37.597, 303.302
Yxy	55.4579, 0.2793, 0.2537
Android (android.graphics.Color)	4291738367 (0xFFCEBAFF)
YUV	199.8460, 27.1909, 5.3971
Hunter-Lab	74.4701, 16.0422, -29.1377

Details

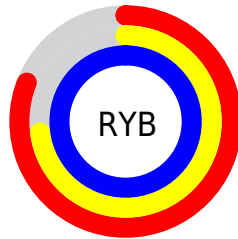
The YIQ color $199.8460, -10.2290, 25.6990$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $241.1540, 10.2290, -25.6990$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.3690, 3.5750, 6.7990$, and $145.7920, -10.1370, 24.0310$ is the 20% darker color. If you saturate the color by 10%, you get $179.2020, -13.8070, 35.4810$, and if you desaturate by 10%, it is $219.9030, -6.3760, 16.4400$.

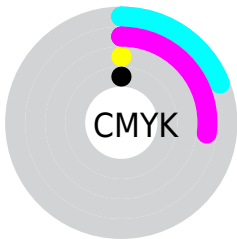
Distribution



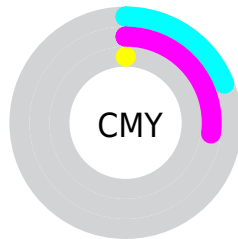
- Red (81%)
- Green (73%)
- Blue (100%)



- Red (81%)
- Yellow (73%)
- Blue (100%)



- Cyan (19%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.8460, -10.2290, 25.6990 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 199.8460, -10.2290, 25.6990 by changing the saturation by 10% instead.

■ 199.8460,
-10.2290, 25.6990

■ 199.8460,
-10.2290, 25.6990

■ 255.0000, -0.0000,
-0.0000

■ 172.3190,
-10.1830, 24.8650

■ 247.3690, 3.5750,
6.7990

■ 145.7920,
-10.1370, 24.0310

■ 119.3790,
-10.4120, 23.5080

■ 94.4390, -10.6410,
22.1510

■ 70.4990, -10.8700,
20.7940

■ 47.5590, -11.0990,
19.4370

■ 25.0210, -12.5200,

17.6560

■ 6.2550, -13.2990,
15.2530

■ 3.4370, -8.3000,
7.2520

■ 199.8460,
-10.2290, 25.6990

■ 199.8460,
-10.2290, 25.6990

■ 179.2020,
-13.8070, 35.4810

■ 219.9030, -6.3760,
16.4400

■ 159.1450,
-17.6600, 44.7400

■ 240.5470, -2.7980,
6.6580

■ 139.0880,
-21.5130, 53.9990

255.0000, -0.0000,
-0.0000

■ 118.4440,
-25.0910, 63.7810

■ 98.3870, -28.9440,
73.0400

■ 77.4440, -33.1180,
82.6100

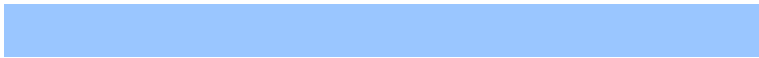
■ 57.3870, -36.9710,
91.8690

■ 51.1960, -37.7510,
94.9930

Harmonies

Analogous

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



191.3420, -44.5210, 8.3990



199.8460, -10.2290, 25.6990



201.7870, 23.7900, 31.4220

Triad

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



199.8460, -10.2290, 25.6990



196.9520, 52.6810, -2.0950



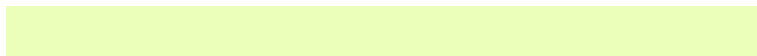
178.1820, -66.0630, -30.7270

Complementary

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



199.8460, -10.2290, 25.6990



241.1540, 10.2290, -25.6990

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.



184.9890, -28.9710, -31.1390



199.8460, -10.2290, 25.6990



194.2990, 34.9860, -17.3180

Square

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



199.8460, -10.2290, 25.6990



196.0360, 53.0450, 13.3410



190.0610, 6.0570, -27.1830



173.5230, -91.6480, -24.0960

Rectangle

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



199.8460, -10.2290, 25.6990



199.5190, 39.1040, 29.2160



190.0610, 6.0570, -27.1830



180.1140, -54.1880, -31.1800

Sweetspot

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



199.8460, -10.2290, 25.6990



239.0740, -2.8440, 7.4920



222.6290, -35.6240, -4.1680



117.3790, -2.3850, 4.6790



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.



199.8460, -10.2290, 25.6990



189.5240, -12.0180, 30.5900



210.0120, 10.0350, 32.9070



117.3790, -2.3850, 4.6790



38.5180, -27.9350, 71.2730



12.9770, -9.2200, 23.9320

Inverse Universe

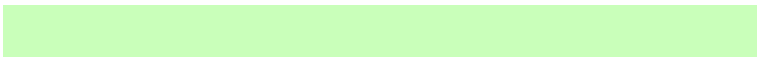
The Inverse Universe completely reimagines the original color for something new.



212.2170, 25.3950, 29.8670



204.1300, 30.2540, 35.4220



230.9880, -10.0350, -32.9070



119.9130, 4.8590, 5.5550



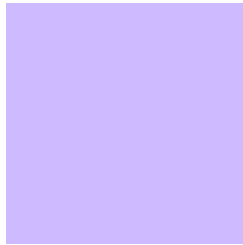
72.6130, 70.1800, 82.7880



24.2660, 23.6990, 27.5630

Previews

White Background



This preview shows how the YIQ color 199.8460, -10.2290, 25.6990 looks on a white background.

Color Contrast Check

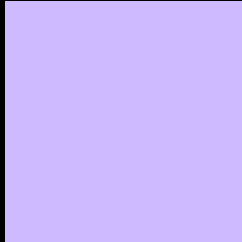
Large Text (above 18pt) WCAG AA × Fail

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 199.8460, -10.2290, 25.6990 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 199.8460, -10.2290, 25.6990

Background



This preview shows how black text looks on a background with the YIQ color 199.8460, -10.2290, 25.6990.



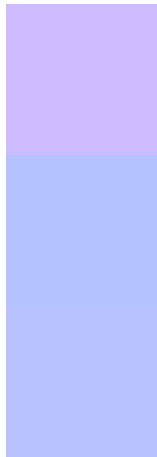
This preview shows how white text looks on a background with the YIQ color 199.8460, -10.2290,

25.6990.

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

199.8460, -10.2290, 25.6990

Protanopia

196.7680, -27.9250, 16.0030

Deuteranopia

197.5620, -24.3490, 17.2750



Tritanopia

197.0200, -2.7520, 5.8240

Trichromacy



Original Color

199.8460, -10.2290, 25.6990

Protanomaly

197.6980, -21.7360, 19.4800

Deuteranomaly

198.1930, -18.7560, 20.5400

Tritanomaly

197.9800, -5.2750, 13.0050

Monochromacy



Original Color

199.8460, -10.2290, 25.6990

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.9430, -3.8530, 9.2590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.8460, -10.2290, 25.6990 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(206, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 186, 255)  
}
```

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(206, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 186, 255) }
```

Border

The CSS property to change the border of an element to YIQ 199.8460, -10.2290, 25.6990 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(206, 186, 255) }
```


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

```
.border{ border-color:rgb(206, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 186, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 186, 255); box-shadow:4px 4px 4px 4px rgb(206, 186, 255) }
```

Background

The CSS property to change the background color of an element to YIQ 199.8460, -10.2290, 25.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 186, 255) }
```

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

```
.background{ background-color: rgb(206,  
186, 255) }
```

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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