

Converting Colors

YIQ(199.7260, -18.9390,
18.3490)

Have a look what the booklet for
YIQ(199.7260, -18.9390, 18.3490)
contains.

YIQ(199.7260, -18.9390, 18.3490)	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(199.7260, -18.9390,
18.3490)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C1FC
RGB	193, 193, 252
RGB Percent	76%, 76%, 99%
CMY	0.2431, 0.2431, 0.0119
CMYK	0.23, 0.23, 0.00, 0.01
HSL	240°, 91%, 87%
HSV	240°, 23%, 99%
XYZ	58.6305, 56.5050, 99.8863
YIQ	199.7260, -18.9390, 18.3490

Conversions

Conversions Part 2

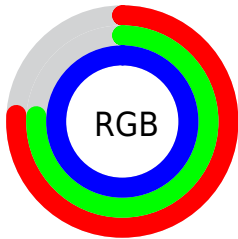
Format	Color
R_{YB}	193, 193, 252
Decimal	12698108
CIE _{Lab}	79.90, 12.27, -28.99
CIE _{LCh}	80, 31.475, 292.936
Yxy	56.5050, 0.2727, 0.2628
Android (android.graphics.Color)	4290888188 (0xFFC1C1FC)
YUV	199.7260, 25.7711, -5.8987
Hunter-Lab	75.1698, 7.6782, -26.1662

Details

The YIQ color $199.7260, -18.9390, 18.3490$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $245.2740, 18.9390, -18.3490$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9830, -1.3300, 2.0780$, and $145.6720, -18.8470, 16.6810$ is the 20% darker color. If you saturate the color by 10%, you get $177.5760, -26.9640, 26.1240$, and if you desaturate by 10%, it is $221.8760, -10.9140, 10.5740$.

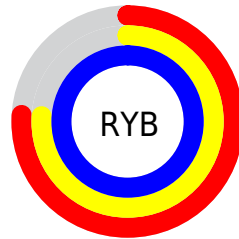
Distribution



Red (76%)

Green (76%)

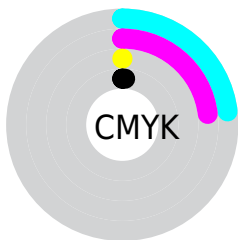
Blue (99%)



Red (76%)

Yellow (76%)

Blue (99%)

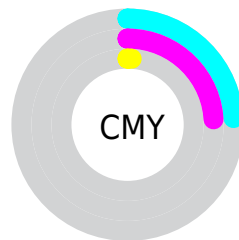


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (1%)



Cyan (24%)

Magenta (24%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.7260, -18.9390, 18.3490 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 199.7260, -18.9390, 18.3490 by changing the saturation by 10% instead.

■ 199.7260,
-18.9390, 18.3490

■ 199.7260,
-18.9390, 18.3490

■ 255.0000, -0.0000,
-0.0000

■ 172.1990,
-18.8930, 17.5150

■ 249.9830, -1.3300,
2.0780

■ 145.6720,
-18.8470, 16.6810

■ 119.5580,
-18.5260, 16.3700

■ 94.9170, -18.1590,
15.2250

■ 70.5040, -18.4340,
14.7020

■ 47.2650, -19.2590,
13.1330

■ 24.4170, -22.7430,

10.1930

■ 5.1300, -14.4450,
13.9950

■ 3.2090, -7.6580,
6.6300

■ 199.7260,
-18.9390, 18.3490

■ 199.7260,
-18.9390, 18.3490

■ 177.5760,
-26.9640, 26.1240

■ 221.8760,
-10.9140, 10.5740

■ 155.4260,
-34.9890, 33.8990

■ 244.0260, -2.8890,
2.7990

■ 132.3900,
-43.3350, 41.9850

■ 254.6580, 0.9630,
-0.9330

■ 110.2400,
-51.3600, 49.7600

■ 88.0900, -59.3850,
57.5350

■ 65.9400, -67.4100,
65.3100

■ 43.7900, -75.4350,
73.0850

■ 28.7280, -80.8920,
78.3720

Harmonies

Analogous

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



193.3800, -47.6840, 5.1480



199.7260, -18.9390, 18.3490



202.5680, 11.0450, 25.6130

Triad

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



199.7260, -18.9390, 18.3490



199.4880, 48.4160, 3.6160



185.8490, -42.9560, -25.4840

Complementary

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



199.7260, -18.9390, 18.3490



245.2740, 18.9390, -18.3490

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.



190.1760, -13.2000, -25.1040



199.7260, -18.9390, 18.3490



197.4120, 36.4060, -10.0100

Square

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



199.7260, -18.9390, 18.3490



200.9090, 46.2130, 16.0130



194.1810, 14.7670, -19.8330



182.9900, -65.1020, -20.6060

Rectangle

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



199.7260, -18.9390, 18.3490



202.6640, 28.3300, 26.2340



194.1810, 14.7670, -19.8330



187.4110, -32.9150, -25.7390

Sweetspot

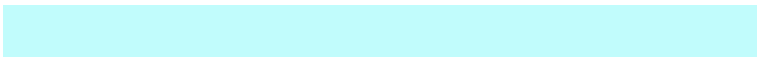
The Sweet Spot groups the original color and five complimentary colors.



199.7260, -18.9390, 18.3490



239.0520, -5.7780, 5.5980



234.3590, -35.1640, -12.5080



118.2540, -3.5310, 3.4210



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.



199.7260, -18.9390, 18.3490



192.0940, -22.7910, 22.0810



208.3970, -1.6550, 24.4970



113.4820, -4.1730, 4.0430



21.5460, -60.6690, 58.7790



6.9540, -19.5810, 18.9710

Inverse Universe

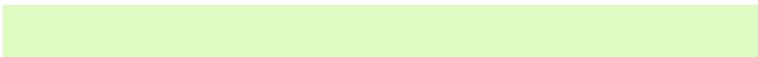
The Inverse Universe completely reimagines the original color for something new.



217.3670, 16.2250, 30.8570



213.3230, 19.5250, 37.1330



236.3040, 1.0590, -24.7090



117.3690, 3.5750, 6.7990



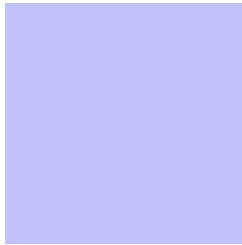
78.0570, 51.9750, 98.8470



25.1930, 16.7750, 31.9030

Previews

White Background



This preview shows how the YIQ color 199.7260, -18.9390, 18.3490 looks on a white background.

Color Contrast Check

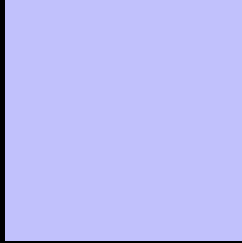
Large Text (above 18pt) WCAG AA × Fail

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 199.7260, -18.9390, 18.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

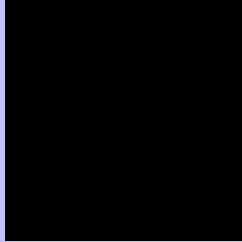
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.7260, -18.9390, 18.3490

Background



This preview shows how black text looks on a background with the YIQ color 199.7260, -18.9390, 18.3490.

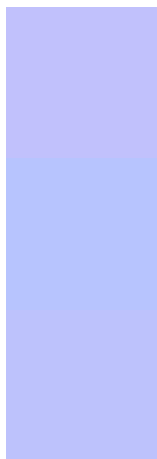


This preview shows how white text looks on a background with the YIQ color 199.7260, -18.9390, 18.3490.

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

199.7260, -18.9390, 18.3490

Protanopia

198.7250, -26.3660, 15.2820

Deuteranopia

199.1170, -21.5980, 16.9780



Tritanopia

197.5240, -13.1590, 1.6970

Trichromacy



Original Color

199.7260, -18.9390, 18.3490

Protanomaly

199.2200, -23.3860, 16.3420

Deuteranomaly

199.4160, -21.0020, 17.1900

Tritanomaly

198.1420, -14.7190, 7.9450

Monochromacy



Original Color

199.7260, -18.9390, 18.3490

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.5080, -7.0620, 6.8420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.7260, -18.9390, 18.3490 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(193, 193, 252)` looks like.

```
.text, #text, p{  
    color:rgb(193, 193, 252)  
}
```

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(193, 193, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 193, 252) }
```

Border

The CSS property to change the border of an element to YIQ 199.7260, -18.9390, 18.3490 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(193, 193, 252) }
```


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

```
.border{ border-color:rgb(193, 193, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 193, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 193, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 193, 252);  
box-shadow:4px 4px 4px 4px rgb(193, 193,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 199.7260, -18.9390, 18.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 193, 252) }
```

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

```
.background{ background-color: rgb(193,  
193, 252) }
```

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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