

Converting Colors

YIQ(213.5390, -17.5150, 3.5490)

Have a look what the booklet for
YIQ(213.5390, -17.5150, 3.5490)
contains.

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Color

**YIQ(213.5390, -17.5150,
3.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D8EF
RGB	199, 216, 239
RGB Percent	78%, 85%, 94%
CMY	0.2196, 0.1529, 0.0628
CMYK	0.17, 0.10, 0.00, 0.06
HSL	214°, 56%, 86%
HSV	214°, 17%, 94%
XYZ	63.6858, 67.4873, 91.3139
YIQ	213.5390, -17.5150, 3.5490

Conversions

Conversions Part 2

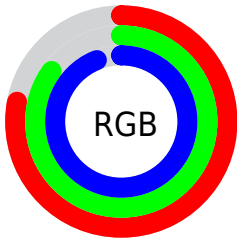
Format	Color
R _Y B	199, 211, 239
Decimal	13097199
CIE Lab	85.75, -1.05, -13.18
CIE LCh	86, 13.218, 265.451
Yxy	67.4873, 0.2862, 0.3033
Android (android.graphics.Color)	4291287279 (0xFFC7D8EF)
YUV	213.5390, 12.5523, -12.7507
Hunter-Lab	82.1507, -5.3847, -8.3978

Details

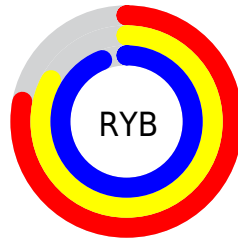
The YIQ color **213.5390, -17.5150, 3.5490** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224.4610, 17.5150, -3.5490**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **158.7240, -16.5980, 3.4500** is the 20% darker color. If you saturate the color by 10%, you get **198.1450, -27.9690, 5.7830**, and if you desaturate by 10%, it is **228.9330, -7.0610, 1.3150**.

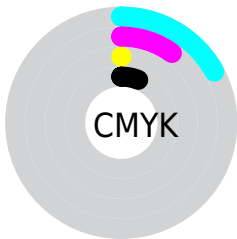
Distribution



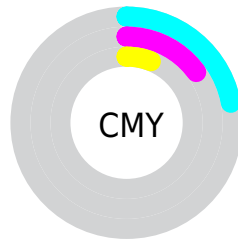
- Red (78%)
- Green (85%)
- Blue (94%)



- Red (78%)
- Yellow (83%)
- Blue (94%)



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (22%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.5390, -17.5150, 3.5490 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 213.5390, -17.5150, 3.5490 by changing the saturation by 10% instead.

■ 213.5390,
-17.5150, 3.5490

■ 213.5390,
-17.5150, 3.5490

255.0000, -0.0000,
-0.0000

■ 185.5390,
-17.5150, 3.5490

■ 158.7240,
-16.5980, 3.4500

■ 132.6100,
-16.2770, 3.1390

■ 107.4960,
-15.9560, 2.8280

■ 83.0830, -16.2310,
2.3050

■ 59.3820, -15.6350,
2.5170

■ 37.8550, -15.5890,

1.6830

■ 16.1430, -16.4600,
0.9480

■ 2.1830, -4.7690,
3.8310

■ 213.5390,
-17.5150, 3.5490

■ 213.5390,
-17.5150, 3.5490

■ 198.1450,
-27.9690, 5.7830

■ 228.9330, -7.0610,
1.3150

■ 183.3380,
-38.6980, 7.4940

■ 243.7400, 3.6680,
-0.3960

■ 167.9440,
-49.1520, 9.7280

■ 253.1760, 5.1360,
-4.9760

■ 152.5500,
-59.6060, 11.9620

■ 137.4550,
-69.4640, 14.4080

■ 122.6480,
-80.1930, 16.1190

■ 107.2540,
-90.6470, 18.3530

■ 91.8600,
-101.1010, 20.5870

■ 87.1200,
-104.7690, 20.9830

Harmonies

Analogous

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



211.7290, -24.1620, -2.6420



213.5390, -17.5150, 3.5490



215.7470, -6.2370, 8.4110

Triad

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



213.5390, -17.5150, 3.5490



216.2370, 21.5020, 6.7980



211.4410, -6.0960, -10.6720

Complementary

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



213.5390, -17.5150, 3.5490



224.4610, 17.5150, -3.5490

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.



212.9540, 5.6410, -8.6230



213.5390, -17.5150, 3.5490



215.6620, 21.5030, 1.2710

Square

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



213.5390, -17.5150, 3.5490



217.1210, 16.1370, 10.4170



214.5640, 15.7270, -4.1850



210.3950, -17.6500, -10.5300

Rectangle

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



213.5390, -17.5150, 3.5490



216.4060, 2.1530, 10.5450



214.5640, 15.7270, -4.1850



211.7080, -2.4740, -10.2340

Sweetspot

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



213.5390, -17.5150, 3.5490



247.0040, -5.8230, 0.9050



225.1020, -18.3830, -13.7670



122.6730, -3.3930, 0.9190



0.0000, 0.0000, 0.0000



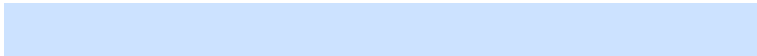
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.5390, -17.5150, 3.5490



222.7280, -22.4210, 4.3550



204.4570, -11.0520, 13.0760



112.3030, -5.2270, 1.1170



66.7620, -80.5140, 16.4300



20.4720, -24.5760, 4.8640

Inverse Universe

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



212.8980, 18.3830, 13.7670



221.7570, 23.3340, 17.6540



233.5430, 11.0520, -13.0760



112.1580, 5.5470, 4.0990



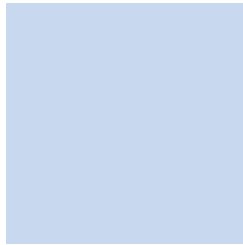
63.9080, 84.6260, 63.2660



19.4800, 25.6720, 19.3360

Previews

White Background



This preview shows how the YIQ color 213.5390, -17.5150, 3.5490 looks on a white background.

Color Contrast Check

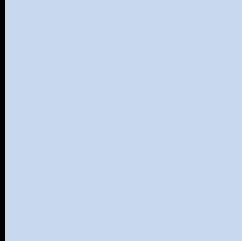
Large Text (above 18pt) WCAG AA × Fail

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 213.5390, -17.5150, 3.5490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

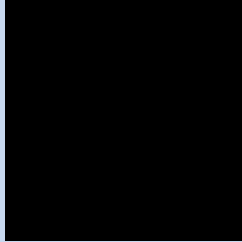
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.5390, -17.5150, 3.5490

Background



This preview shows how black text looks on a background with the YIQ color 213.5390, -17.5150, 3.5490.



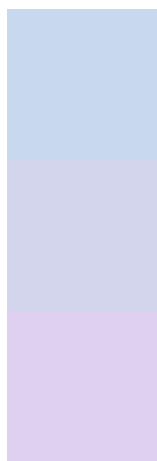
This preview shows how white text looks on a background with the YIQ color 213.5390, -17.5150,

3.5490.

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

213.5390, -17.5150, 3.5490

Protanopia

215.1380, -8.8960, 7.0400

Deuteranopia

216.2470, -1.6530, 13.4430



Tritanopia

213.2570, -16.7810, 1.2590

Trichromacy



Original Color

213.5390, -17.5150, 3.5490

Protanomaly

214.6430, -11.8760, 5.9800

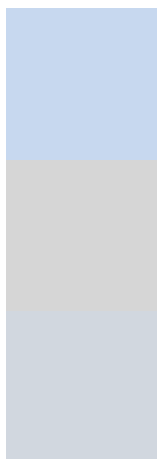
Deuteranomaly

215.2030, -7.5210, 9.6550

Tritanomaly

213.4850, -17.4230, 1.8810

Monochromacy



Original Color

213.5390, -17.5150, 3.5490

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.1180, -6.1440, 1.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.5390, -17.5150, 3.5490 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(199, 216, 239)` looks like.

```
.text, #text, p{  
    color:rgb(199, 216, 239)  
}
```

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(199, 216, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 216, 239) }
```

Border

The CSS property to change the border of an element to YIQ 213.5390, -17.5150, 3.5490 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(199, 216, 239) }
```


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

```
.border{ border-color:rgb(199, 216, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 216, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 216, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 216, 239);  
box-shadow:4px 4px 4px 4px rgb(199, 216,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 213.5390, -17.5150, 3.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 216, 239) }
```

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

```
.background{ background-color: rgb(199,  
216, 239) }
```

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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