

Converting Colors

YIQ(200.4770, -77.9800,
-51.5480)

Have a look what the booklet for
YIQ(200.4770, -77.9800, -51.5480)
contains.

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Color

**YIQ(200.4770, -77.9800,
-51.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	5EFFC7
RGB	94, 255, 199
RGB Percent	37%, 100%, 78%
CMY	0.6318, 0.0000, 0.2199
CMYK	0.63, 0.00, 0.22, 0.00
HSL	159°, 100%, 68%
HSV	159°, 63%, 100%
XYZ	50.6661, 78.0144, 66.3794
YIQ	200.4770, -77.9800, -51.5480

Conversions

Conversions Part 2

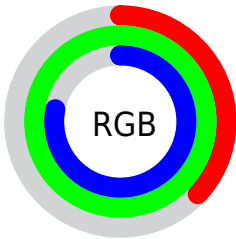
Format	Color
RYB	94, 191, 255
Decimal	6225863
CIELab	90.79, -54.87, 14.53
CIELCh	91, 56.766, 165.170
Yxy	78.0144, 0.2597, 0.4000
Android (android.graphics.Color)	4284415943 (0xFF5EFFC7)
YUV	200.4770, -0.7282, -93.3803
Hunter-Lab	88.3258, -52.1776, 17.2698

Details

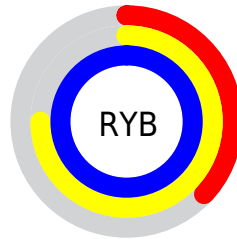
The YIQ color **200.4770, -77.9800, -51.5480** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **148.5230, 77.9800, 51.5480**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2960, -57.2160, -20.3520**, and **132.1690, -100.7200, -57.9360** is the 20% darker color. If you saturate the color by 10%, you get **191.6770, -90.5870, -59.8590**, and if you desaturate by 10%, it is **208.9780, -65.9690, -43.4490**.

Distribution



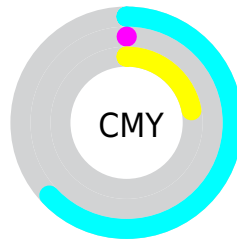
- Red (37%)
- Green (100%)
- Blue (78%)



- Red (37%)
- Yellow (75%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)




- Cyan (63%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.4770, -77.9800, -51.5480 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 200.4770, -77.9800, -51.5480 by changing the saturation by 10% instead.


 200.4770,
-77.9800, -51.5480


 200.4770,
-77.9800, -51.5480


255.0000, -0.0000,
-0.0000


 169.0140,
-83.9860, -52.8340


 225.9970,
-57.8120, -20.5640


 132.1690,
-100.7200, -57.9360


 235.2660,
-39.3360, -13.9920


 112.7690,
-84.6740, -51.3780

 244.5350,
-20.8600, -7.4200

 94.0700, -69.2240,
-45.0320

 253.8040, -2.3840,
-0.8480

 75.5990, -54.4160,
-38.0640

 58.3020, -40.1580,
-32.1420

 41.2330, -26.5420,

-25.5980

■ 24.8820, -12.1920,
-21.3440

■ 2.9350, -1.3750,
-2.6150

■ 200.4770,
-77.9800, -51.5480

■ 200.4770,
-77.9800, -51.5480

■ 191.6770,
-90.5870, -59.8590

■ 208.9780,
-65.9690, -43.4490

■ 183.1760,
-102.5980, -67.9580

■ 217.7780,
-53.3620, -35.1380

■ 174.3760,
-115.2050, -76.2690

■ 226.2790,
-41.3510, -27.0390

■ 168.6090,
-123.4110, -81.7390

■ 234.9650,
-28.4230, -19.0390

■ 243.4660,
-16.4120, -10.9400

■ 252.2660, -3.8050,
-2.6290

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



214.0010, -12.0500, -45.9540



200.4770, -77.9800, -51.5480



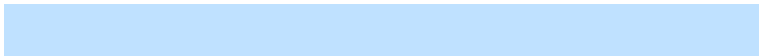
178.7550, -151.9800, -54.0600

Triad

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



200.4770, -77.9800, -51.5480



218.2540, -29.8940, 2.1220



209.4400, 48.3710, -1.0770

Complementary

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



200.4770, -77.9800, -51.5480



148.5230, 77.9800, 51.5480

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.



207.9820, 35.9420, 20.4380



200.4770, -77.9800, -51.5480



225.0630, 14.0250, 26.6730

Square

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



200.4770, -77.9800, -51.5480



191.1570, -108.4730, -33.0570



215.6710, 18.4250, 35.0410



217.0590, 53.0970, -20.6550

Rectangle

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



200.4770, -77.9800, -51.5480



178.7550, -151.9800, -54.0600



215.6710, 18.4250, 35.0410



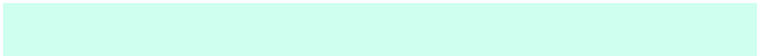
208.2150, 44.9310, 6.2030

Sweetspot

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



200.4770, -77.9800, -51.5480



238.7100, -23.1510, -15.4630



205.2510, -10.8990, -72.3310



117.7760, -14.3490, -9.7810



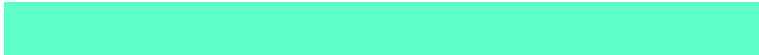
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



200.4770, -77.9800, -51.5480



189.3560, -94.1170, -61.9650



192.7730, -89.3560, -21.5800



123.5430, -6.1430, -4.3110



126.3670, -92.6500, -61.0180



42.3560, -31.0820, -20.4100

Inverse Universe

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



148.5230, 77.9800, 51.5480



126.7580, 93.7960, 62.2760



156.2270, 89.3560, 21.5800



119.3430, 6.4640, 4.0000



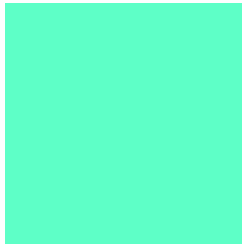
64.7470, 92.3290, 61.3290



21.6440, 31.0820, 20.4100

Previews

White Background



This preview shows how the YIQ color 200.4770, -77.9800, -51.5480 looks on a white background.

Color Contrast Check

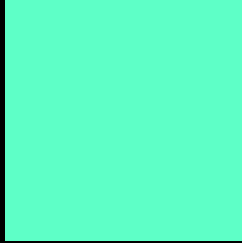
Large Text (above 18pt) WCAG AA × Fail

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 200.4770, -77.9800, -51.5480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

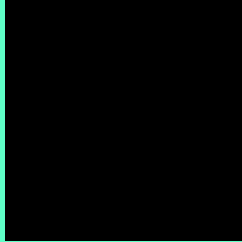
Any Text WCAG AA ✓ Pass

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 200.4770, -77.9800, -51.5480 Background



This preview shows how black text looks on a background with the YIQ color 200.4770, -77.9800, -51.5480.

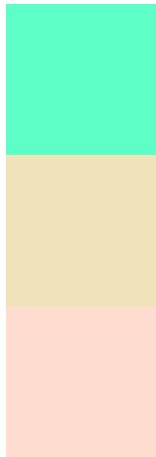


This preview shows how white text looks on a background with the YIQ color 200.4770, -77.9800, -51.5480.

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

200.4770, -77.9800, -51.5480

Protanopia

225.5120, 21.5050, -9.7830

Deuteranopia

228.5100, 24.9870, 4.2110



Tritanopia

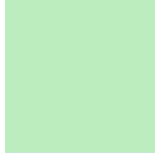
218.0890, -51.8990, -12.0830

Trichromacy



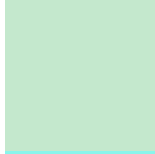
Original Color

200.4770, -77.9800, -51.5480



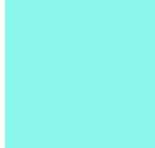
Protanomaly

216.6920, -14.7130, -25.2170



Deuteranomaly

218.1580, -12.7890, -16.0290



Tritanomaly

211.5680, -61.1580, -26.0060

Monochromacy



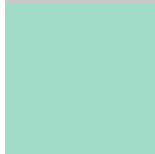
Original Color

200.4770, -77.9800, -51.5480



Achromatopsia

200.0000, -0.0000, -0.0000



Achromatomaly

200.0790, -28.7440, -18.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.4770, -77.9800, -51.5480 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(94, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(94, 255, 199)  
}
```

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(94, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 255, 199) }
```

Border

The CSS property to change the border of an element to YIQ 200.4770, -77.9800, -51.5480 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(94, 255, 199) }
```


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

```
.border{ border-color:rgb(94, 255, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(94, 255,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 200.4770, -77.9800, -51.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 255, 199) }
```

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

```
.background{ background-color: rgb(94, 255,  
199) }
```

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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