

Converting Colors

YIQ(195.7510, -75.0950,
-32.2390)

Have a look what the booklet for
YIQ(195.7510, -75.0950, -32.2390)
contains.

YIQ(195.7510, -75.0950, -32.2390)	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(195.7510, -75.0950,
-32.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	68EDE0
RGB	104, 237, 224
RGB Percent	41%, 93%, 88%
CMY	0.5925, 0.0704, 0.1218
CMYK	0.56, 0.00, 0.06, 0.07
HSL	174°, 79%, 67%
HSV	174°, 56%, 93%
XYZ	49.4443, 68.9167, 81.1651
YIQ	195.7510, -75.0950, -32.2390

Conversions

Conversions Part 2

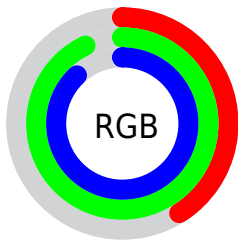
Format	Color
RYB	104, 174, 237
Decimal	6876640
CIELab	86.46, -39.52, -4.68
CIELCh	86, 39.800, 186.757
Yxy	68.9167, 0.2478, 0.3454
Android (android.graphics.Color)	4285066720 (0xFF68EDE0)
YUV	195.7510, 13.9268, -80.4656
Hunter-Lab	83.0161, -38.9637, 0.1432

Details

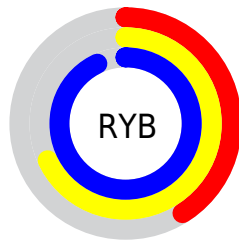
The YIQ color **195.7510, -75.0950, -32.2390** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **145.2490, 75.0950, 32.2390**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.3890, -53.0440, -18.8680**, and **132.4010, -88.8490, -36.2810** is the 20% darker color. If you saturate the color by 10%, you get **188.3470, -88.7570, -37.9490**, and if you desaturate by 10%, it is **203.1550, -61.4330, -26.5290**.

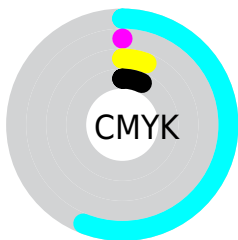
Distribution



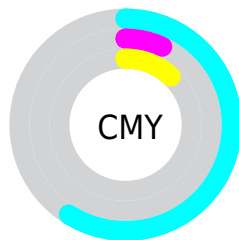
- Red (41%)
- Green (93%)
- Blue (88%)



- Red (41%)
- Yellow (68%)
- Blue (93%)



- Cyan (56%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (59%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.7510, -75.0950, -32.2390 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 195.7510, -75.0950, -32.2390 by changing the saturation by 10% instead.

■ 195.7510,
-75.0950, -32.2390

■ 195.7510,
-75.0950, -32.2390

■ 255.0000, -0.0000,
-0.0000

■ 165.3700,
-78.3960, -32.9880

■ 228.0900,
-53.6400, -19.0800

■ 132.9880,
-89.1240, -36.8040

■ 237.3590,
-35.1640, -12.5080

■ 105.9990,
-87.6570, -35.8570

■ 246.3290,
-17.2840, -6.1480

■ 87.8870, -72.4820,
-30.0340

■ 69.7750, -57.3070,
-24.2110

■ 52.4780, -43.0490,
-18.2890

■ 35.8820, -29.3870,

-12.5790

■ 21.1610, -16.8710,
-8.1270

■ 0.0000, 0.0000,
0.0000

■ 195.7510,
-75.0950, -32.2390

■ 195.7510,
-75.0950, -32.2390

■ 188.3470,
-88.7570, -37.9490

■ 203.1550,
-61.4330, -26.5290

■ 181.1280,
-101.5020, -43.7580

■ 210.3740,
-48.6880, -20.7200

■ 173.7240,
-115.1640, -49.4680

■ 217.7780,
-35.0260, -15.0100

■ 166.3200,
-128.8260, -55.1780

■ 225.1820,
-21.3640, -9.3000

■ 163.5150,
-133.8690, -57.3970

■ 232.4010, -8.6190,
-3.4910

■ 239.8050, 5.0430,
2.2190

■ 242.7240, 9.7650,
4.7490

■ 243.0660, 8.8020,
5.6820

■ 243.2940, 8.1600,
6.3040

Harmonies

Analogous

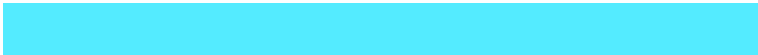
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



202.7000, -35.5270, -33.4710



195.7510, -75.0950, -32.2390



192.1310, -96.4160, -25.7920

Triad

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



195.7510, -75.0950, -32.2390



218.1860, 0.3170, 21.7970



212.8650, 48.3720, -6.6040

Complementary

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



195.7510, -75.0950, -32.2390



145.2490, 75.0950, 32.2390

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.



209.2580, 43.3720, 6.9240



195.7510, -75.0950, -32.2390



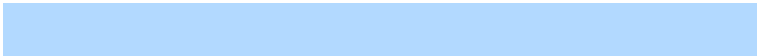
217.1070, 19.8930, 30.4610

Square

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



195.7510, -75.0950, -32.2390



209.6710, -35.4420, 3.5500



210.4270, 33.1910, 20.7350



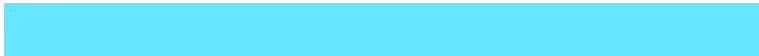
213.4190, 34.5280, -20.0320

Rectangle

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



195.7510, -75.0950, -32.2390



195.4640, -83.9920, -19.6720



210.4270, 33.1910, 20.7350



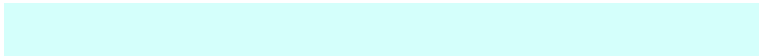
211.3150, 47.2250, -2.3350

Sweetspot

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



195.7510, -75.0950, -32.2390



241.6870, -24.3440, -10.3600



185.9580, -28.8270, -66.8030



119.8840, -14.5330, -6.4450



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.



195.7510, -75.0950, -32.2390



201.9330, -96.4590, -41.5390



166.1220, -64.6930, -0.4770



113.5970, -6.2350, -2.6430



124.8290, -102.0980, -43.9700



37.1700, -30.2580, -13.3140

Inverse Universe

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



145.2490, 75.0950, 32.2390



137.0670, 96.4590, 41.5390



174.8780, 64.6930, 0.4770



109.4030, 6.2350, 2.6430



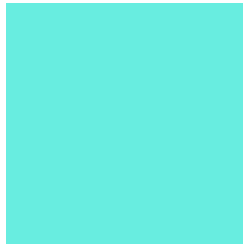
56.1710, 102.0980, 43.9700



16.7160, 30.5790, 13.0030

Previews

White Background



This preview shows how the YIQ color 195.7510, -75.0950, -32.2390 looks on a white background.

Color Contrast Check

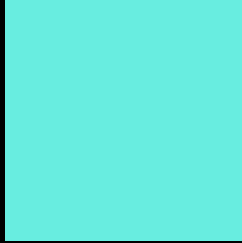
Large Text (above 18pt) WCAG AA × Fail

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 195.7510, -75.0950, -32.2390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

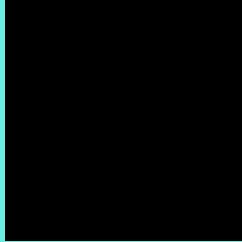
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

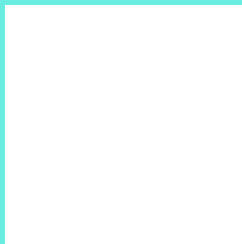
Any Text WCAG AAA ✓ Pass

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

YIQ 195.7510, -75.0950, -32.2390 Background



This preview shows how black text looks on a background with the YIQ color 195.7510, -75.0950, -32.2390.



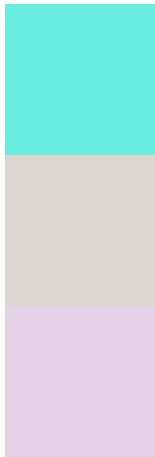
This preview shows how white text looks on a background with the YIQ color 195.7510, -75.0950, -32.2390.

-32.2390.

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

195.7510, -75.0950, -32.2390

Protanopia

215.4520, 4.5390, 0.3390

Deuteranopia

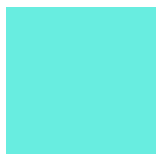
217.3740, 5.1790, 10.7710



Tritanopia

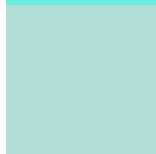
199.5850, -77.0230, -19.3190

Trichromacy



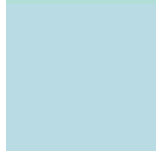
Original Color

195.7510, -75.0950, -32.2390



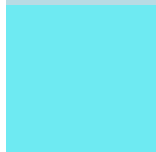
Protanomaly

208.1600, -24.2980, -11.1940



Deuteranomaly

209.5610, -23.7490, -4.6210



Tritanomaly

197.8360, -76.4720, -23.8000

Monochromacy



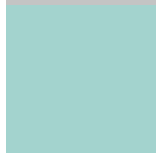
Original Color

195.7510, -75.0950, -32.2390



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

196.0780, -27.0030, -11.7310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.7510, -75.0950, -32.2390 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(104, 237, 224)` looks like.

```
.text, #text, p{  
    color:rgb(104, 237, 224)  
}
```

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(104, 237, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 237, 224) }
```

Border

The CSS property to change the border of an element to YIQ 195.7510, -75.0950, -32.2390 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(104, 237, 224) }
```


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

```
.border{ border-color:rgb(104, 237, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 237, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 237, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 237, 224);  
box-shadow:4px 4px 4px 4px rgb(104, 237,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 195.7510, -75.0950, -32.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 237, 224) }
```

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

```
.background{ background-color: rgb(104,  
237, 224) }
```

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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