

Converting Colors

YIQ(195.4710, -32.0030, 1.7970)

Have a look what the booklet for
YIQ(195.4710, -32.0030, 1.7970)
contains.

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Color

**YIQ(195.4710, -32.0030,
1.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	A6CBEA
RGB	166, 203, 234
RGB Percent	65%, 80%, 92%
CMY	0.3491, 0.2038, 0.0825
CMYK	0.29, 0.13, 0.00, 0.08
HSL	207°, 62%, 78%
HSV	207°, 29%, 92%
XYZ	51.9276, 56.7627, 86.0323
YIQ	195.4710, -32.0030, 1.7970

Conversions

Conversions Part 2

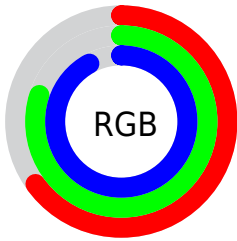
Format	Color
R _Y B	166, 190, 234
Decimal	10931178
CIE Lab	80.05, -5.24, -19.30
CIE LCh	80, 20.000, 254.805
Yxy	56.7627, 0.2667, 0.2915
Android (android.graphics.Color)	4289121258 (0xFFA6CBEA)
YUV	195.4710, 18.9948, -25.8461
Hunter-Lab	75.3410, -8.8184, -14.9649

Details

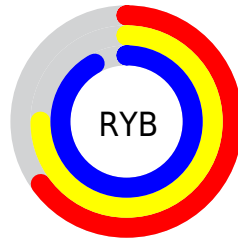
The YIQ color **195.4710, -32.0030, 1.7970** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **204.5290, 32.0030, -1.7970**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1330, -19.6680, -6.9960**, and **141.2430, -31.3610, 1.1750** is the 20% darker color. If you saturate the color by 10%, you get **182.1370, -42.6860, 2.6740**, and if you desaturate by 10%, it is **208.8050, -21.3200, 0.9200**.

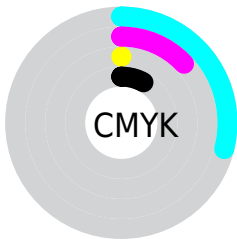
Distribution



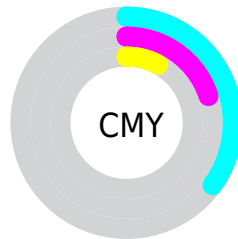
- Red (65%)
- Green (80%)
- Blue (92%)



- Red (65%)
- Yellow (75%)
- Blue (92%)



- Cyan (29%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (35%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.4710, -32.0030, 1.7970 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 195.4710, -32.0030, 1.7970 by changing the saturation by 10% instead.

■ 195.4710,
-32.0030, 1.7970

■ 195.4710,
-32.0030, 1.7970

■ 255.0000, -0.0000,
-0.0000

■ 168.3570,
-31.6820, 1.4860

■ 245.1330,
-19.6680, -6.9960

■ 141.2430,
-31.3610, 1.1750

■ 253.8040, -2.3840,
-0.8480

■ 115.1290,
-31.0400, 0.8640

■ 90.0150, -30.7190,
0.5530

■ 65.8900, -31.8650,
-0.7050

■ 39.7860, -37.5040,
-3.1360

■ 24.3530, -25.8590,

0.5810

■ 4.9360, -11.1430,
9.2170

■ 0.5700, -1.6050,
1.5550

■ 195.4710,
-32.0030, 1.7970

■ 195.4710,
-32.0030, 1.7970

■ 182.1370,
-42.6860, 2.6740

■ 208.8050,
-21.3200, 0.9200

■ 169.0910,
-54.2400, 2.8160

■ 221.8510, -9.7660,
0.7780

■ 155.7570,
-64.9230, 3.6930

■ 235.1850, 0.9170,
-0.0990

■ 142.1240,
-76.2020, 4.3580

■ 247.3230, 9.2160,
-1.8240

■ 129.3770,
-87.1600, 4.7120

■ 252.6060, 6.7410,
-6.5310

■ 116.0430,
-97.8430, 5.5890

■ 102.4100,
-109.1220, 6.2540

■ 101.2250,
-110.0390, 6.3530

Harmonies

Analogous

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



192.1940, -38.8330, -6.5850



195.4710, -32.0030, 1.7970



199.1250, -16.0490, 10.0230

Triad

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



195.4710, -32.0030, 1.7970



202.0040, 29.7080, 12.2680



194.3610, -3.1150, -15.1390

Complementary

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



195.4710, -32.0030, 1.7970



204.5290, 32.0030, -1.7970

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.



196.5650, 13.9860, -11.1820



195.4710, -32.0030, 1.7970



200.6310, 31.9560, 4.5640

Square

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



195.4710, -32.0030, 1.7970



201.7780, 18.8410, 16.4810



198.8380, 26.6390, -3.7050



192.5530, -21.2710, -16.4950

Rectangle

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



195.4710, -32.0030, 1.7970



200.9910, -3.8080, 13.9520



198.8380, 26.6390, -3.7050



195.4110, 2.6160, -14.3760

Sweetspot

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



195.4710, -32.0030, 1.7970



242.2530, -10.9580, 0.3540



209.4500, -28.6510, -25.9230



119.4060, -7.0150, 0.4810



0.0000, 0.0000, 0.0000



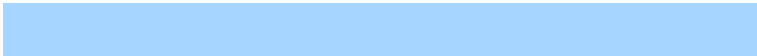
128.0000, -0.0000, -0.0000

Same Dimension

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



195.4710, -32.0030, 1.7970



204.3220, -41.7690, 2.5750



175.5130, -22.6530, 19.5790



110.7760, -5.1810, 0.2830



78.7470, -85.3260, 4.5140



23.1790, -25.3090, 1.6270

Inverse Universe

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



190.5500, 28.6510, 25.9230



198.0830, 37.6360, 33.7960



224.4870, 22.6530, -19.5790



109.9730, 4.6300, 4.1980



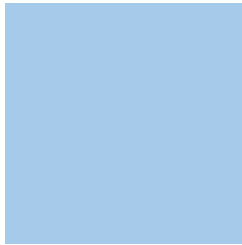
65.4050, 76.0970, 69.1610



19.4520, 22.8750, 20.4670

Previews

White Background



This preview shows how the YIQ color 195.4710, -32.0030, 1.7970 looks on a white background.

Color Contrast Check

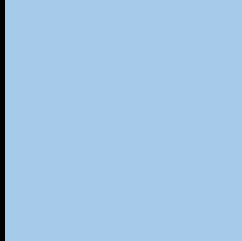
Large Text (above 18pt) WCAG AA × Fail

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 195.4710, -32.0030, 1.7970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

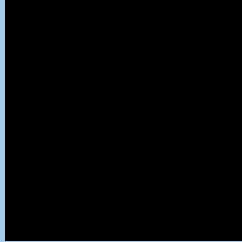
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.4710, -32.0030, 1.7970

Background



This preview shows how black text looks on a background with the YIQ color 195.4710, -32.0030, 1.7970.



This preview shows how white text looks on a background with the YIQ color 195.4710, -32.0030,

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

195.4710, -32.0030, 1.7970

Protanopia

198.6800, -13.2980, 9.7260

Deuteranopia

199.6960, -10.2270, 14.6450



Tritanopia

194.3800, -30.4890, -3.6170

Trichromacy



Original Color

195.4710, -32.0030, 1.7970

Protanomaly

197.8640, -19.8080, 6.5600

Deuteranomaly

198.3420, -18.1580, 9.6980

Tritanomaly

194.5480, -30.9020, -1.6380

Monochromacy



Original Color

195.4710, -32.0030, 1.7970

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.0680, -11.8750, 0.4530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.4710, -32.0030, 1.7970 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(166, 203, 234)` looks like.

```
.text, #text, p{  
    color:rgb(166, 203, 234)  
}
```

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(166, 203, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 203, 234) }
```

Border

The CSS property to change the border of an element to YIQ 195.4710, -32.0030, 1.7970 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(166, 203, 234) }
```


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

```
.border{ border-color:rgb(166, 203, 234) }
```

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

Here you see how a box with a 4 pixel rgb(166, 203, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 203, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 203, 234);  
box-shadow:4px 4px 4px 4px rgb(166, 203,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 195.4710, -32.0030, 1.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 203, 234) }
```

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

```
.background{ background-color: rgb(166,  
203, 234) }
```

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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