

Converting Colors

YIQ(193.2710, -28.5640, 0.0440)

Have a look what the booklet for
YIQ(193.2710, -28.5640, 0.0440)
contains.

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Color

**YIQ(193.2710, -28.5640,
0.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C9E1
RGB	166, 201, 225
RGB Percent	65%, 79%, 88%
CMY	0.3491, 0.2117, 0.1178
CMYK	0.26, 0.11, 0.00, 0.12
HSL	204°, 50%, 77%
HSV	204°, 26%, 88%
XYZ	50.1983, 55.3197, 79.2421
YIQ	193.2710, -28.5640, 0.0440

Conversions

Conversions Part 2

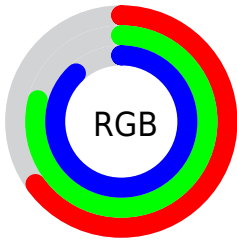
Format	Color
RYB	166, 188, 225
Decimal	10930657
CIELab	79.23, -6.29, -15.72
CIELCh	79, 16.931, 248.182
Yxy	55.3197, 0.2717, 0.2994
Android (android.graphics.Color)	4289120737 (0xFFA6C9E1)
YUV	193.2710, 15.6424, -23.9167
Hunter-Lab	74.3772, -9.6877, -11.1040

Details

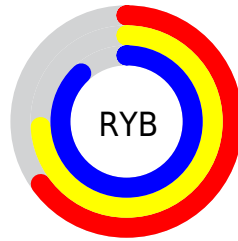
The YIQ color $193.2710, -28.5640, 0.0440$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $197.7290, 28.5640, -0.0440$, and the grayscale version is $193.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.1330, -19.6680, -6.9960$, and $139.4560, -27.6470, -0.0550$ is the 20% darker color. If you saturate the color by 10%, you get $181.1110, -39.7970, -0.1250$, and if you desaturate by 10%, it is $205.1320, -17.9270, 0.0010$.

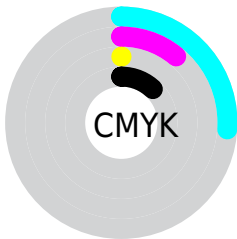
Distribution



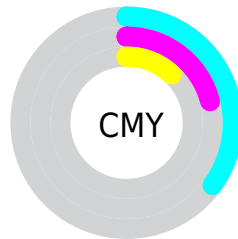
- Red (65%)
- Green (79%)
- Blue (88%)



- Red (65%)
- Yellow (74%)
- Blue (88%)



- Cyan (26%)
- Magenta (11%)
- Yellow (0%)
- Black (12%)



- Cyan (35%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.2710, -28.5640, 0.0440 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 193.2710, -28.5640, 0.0440 by changing the saturation by 10% instead.

■ 193.2710,
-28.5640, 0.0440

■ 193.2710,
-28.5640, 0.0440

■ 255.0000, -0.0000,
-0.0000

■ 166.1570,
-28.2430, -0.2670

■ 245.1330,
-19.6680, -6.9960

■ 139.4560,
-27.6470, -0.0550

■ 253.8040, -2.3840,
-0.8480

■ 113.3420,
-27.3260, -0.3660

■ 88.9290, -27.6010,
-0.8890

■ 64.5160, -27.8760,
-1.4120

■ 39.9070, -30.5350,
-2.7830

■ 22.3810, -23.0620,

-0.5500

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 193.2710,
-28.5640, 0.0440

■ 193.2710,
-28.5640, 0.0440

■ 181.1110,
-39.7970, -0.1250

■ 205.1320,
-17.9270, 0.0010

■ 169.2500,
-50.4340, -0.0820

■ 217.2920, -6.6940,
0.1700

■ 157.0900,
-61.6670, -0.2510

■ 229.1530, 3.9430,
0.1270

■ 144.6420,
-72.0290, 0.3150

■ 241.6010, 14.3050,
-0.4390

■ 132.7810,
-82.6660, 0.3580

■ 246.8840, 11.8300,
-5.1460

■ 120.6210,
-93.8990, 0.1890

■ 251.5800, 9.6300,
-9.3300

■ 108.7600,
-104.5360, 0.2320

■ 104.3080,
-109.0750, -0.1070

Harmonies

Analogous

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



190.9020, -32.1390, -6.7550



193.2710, -28.5640, 0.0440



195.9460, -17.1030, 7.0970

Triad

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



193.2710, -28.5640, 0.0440



198.9540, 23.9770, 11.5050



193.0950, 0.6900, -12.5100

Complementary

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



193.2710, -28.5640, 0.0440



197.7290, 28.5640, -0.0440

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.



195.4450, 14.4440, -8.4680



193.2710, -28.5640, 0.0440



198.1190, 27.6460, 5.5820

Square

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



193.2710, -28.5640, 0.0440



199.5600, 13.5230, 13.7390



196.6360, 24.3920, -1.5280



191.2550, -14.4400, -13.6400

Rectangle

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



193.2710, -28.5640, 0.0440



198.0290, -6.9710, 10.7010



196.6360, 24.3920, -1.5280



194.2590, 6.1000, -11.4360

Sweetspot

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



193.2710, -28.5640, 0.0440



244.3240, -9.7200, -0.0560



203.3690, -23.9290, -23.3930



120.5910, -6.0980, 0.3820



0.0000, 0.0000, 0.0000



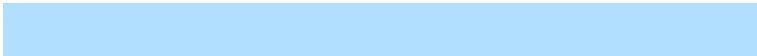
128.0000, -0.0000, -0.0000

Same Dimension

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



193.2710, -28.5640, 0.0440



212.5950, -38.2840, -0.0120



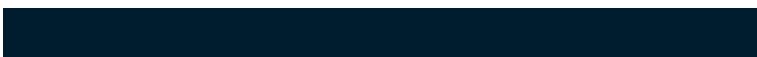
176.2480, -20.5890, 15.2110



106.3630, -5.4560, -0.2400



81.6990, -85.3710, -0.1790



22.4950, -23.3830, -0.2390

Inverse Universe

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



187.6310, 23.9290, 23.3930



204.9790, 31.9970, 31.3650



214.7520, 20.5890, -15.2110



105.0870, 4.3090, 4.5090



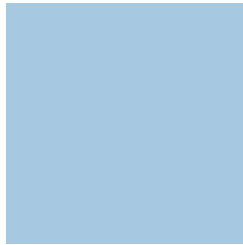
64.5940, 71.1910, 69.9670



17.6580, 19.2990, 19.1950

Previews

White Background



This preview shows how the YIQ color 193.2710, -28.5640, 0.0440 looks on a white background.

Color Contrast Check

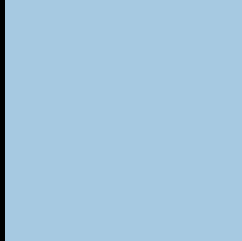
Large Text (above 18pt) WCAG AA × Fail

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 193.2710, -28.5640, 0.0440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

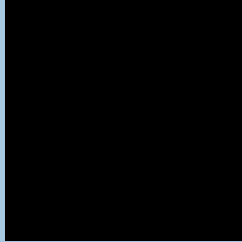
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.2710, -28.5640, 0.0440

Background



This preview shows how black text looks on a background with the YIQ color 193.2710, -28.5640, 0.0440.



This preview shows how white text looks on a background with the YIQ color 193.2710, -28.5640,

0.0440.

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

193.2710, -28.5640, 0.0440

Protanopia

196.4800, -9.8590, 7.9730

Deuteranopia

197.7950, -6.1920, 13.1040



Tritanopia

192.7610, -27.1880, -2.8680

Trichromacy



Original Color

193.2710, -28.5640, 0.0440

Protanomaly

195.6640, -16.3690, 4.8070

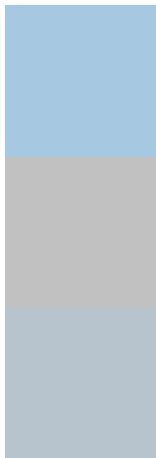
Deuteranomaly

196.4410, -14.1230, 8.1570

Tritanomaly

193.1030, -28.1510, -1.9350

Monochromacy



Original Color

193.2710, -28.5640, 0.0440

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.1390, -10.6370, 0.0430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.2710, -28.5640, 0.0440 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, 201, 225)` looks like.

```
.text, #text, p{  
    color:rgb(166, 201, 225)  
}
```

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, 201, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 201, 225) }
```

Border

The CSS property to change the border of an element to YIQ 193.2710, -28.5640, 0.0440 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, 201, 225) }
```


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

```
.border{ border-color:rgb(166, 201, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 201, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 201, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 201, 225);  
box-shadow:4px 4px 4px 4px rgb(166, 201,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 193.2710, -28.5640, 0.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 201, 225) }
```

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

```
.background{ background-color: rgb(166,  
201, 225) }
```

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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