

Converting Colors

YIQ(190.2710, -28.5640, 0.0440)

Have a look what the booklet for
YIQ(190.2710, -28.5640, 0.0440)
contains.

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Color

**YIQ(190.2710, -28.5640,
0.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C6DE
RGB	163, 198, 222
RGB Percent	64%, 78%, 87%
CMY	0.3608, 0.2235, 0.1295
CMYK	0.27, 0.11, 0.00, 0.13
HSL	204°, 47%, 75%
HSV	204°, 27%, 87%
XYZ	48.4785, 53.4517, 76.8457
YIQ	190.2710, -28.5640, 0.0440

Conversions

Conversions Part 2

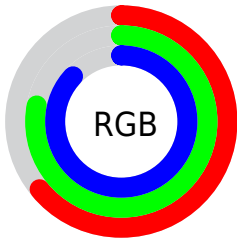
Format	Color
R_{YB}	163, 185, 222
Decimal	10733278
CIE _{Lab}	78.14, -6.29, -15.75
CIE _{LCh}	78, 16.964, 248.239
Yxy	53.4517, 0.2712, 0.2990
Android (android.graphics.Color)	4288923358 (0xFFA3C6DE)
YUV	190.2710, 15.6424, -23.9167
Hunter-Lab	73.1107, -9.5834, -11.1415

Details

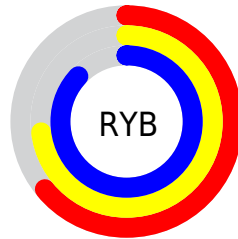
The YIQ color $190.2710, -28.5640, 0.0440$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $194.7290, 28.5640, -0.0440$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.2360, -21.4560, -7.6320$, and $136.4560, -27.6470, -0.0550$ is the 20% darker color. If you saturate the color by 10%, you get $178.4100, -39.2010, 0.0870$, and if you desaturate by 10%, it is $202.1320, -17.9270, 0.0010$.

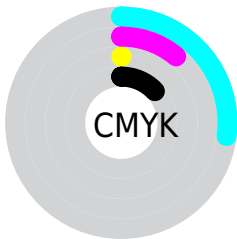
Distribution



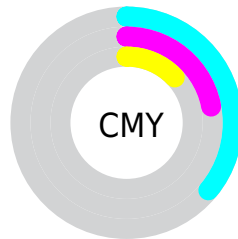
- Red (64%)
- Green (78%)
- Blue (87%)



- Red (64%)
- Yellow (73%)
- Blue (87%)



- Cyan (27%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (36%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.2710, -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 190.2710, -28.5640, 0.0440 by changing the saturation by 10% instead.

■ 190.2710,
-28.5640, 0.0440

■ 190.2710,
-28.5640, 0.0440

■ 255.0000, -0.0000,
-0.0000

■ 163.1570,
-28.2430, -0.2670

■ 244.2360,
-21.4560, -7.6320

■ 136.4560,
-27.6470, -0.0550

■ 252.9070, -4.1720,
-1.4840

■ 110.9290,
-27.6010, -0.8890

■ 85.9290, -27.6010,
-0.8890

■ 61.5160, -27.8760,
-1.4120

■ 37.3090, -31.7270,
-3.2070

■ 20.9790, -21.8700,

-0.1260

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 190.2710,
-28.5640, 0.0440

■ 190.2710,
-28.5640, 0.0440

■ 178.4100,
-39.2010, 0.0870

■ 202.1320,
-17.9270, 0.0010

■ 166.5490,
-49.8380, 0.1300

■ 213.9930, -7.2900,
-0.0420

■ 154.3890,
-61.0710, -0.0390

■ 226.1530, 3.9430,
0.1270

■ 142.5280,
-71.7080, 0.0040

■ 238.0140, 14.5800,
0.0840

■ 130.6670,
-82.3450, 0.0470

■ 244.1940, 13.8930,
-3.9870

■ 118.8060,
-92.9820, 0.0900

■ 249.4770, 11.4180,
-8.6940

■ 106.9450,
-103.6190, 0.1330

■ 251.2380, 10.5930,
-10.2630

■ 102.7920,
-107.5620, 0.0060

Harmonies

Analogous

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



187.9020, -32.1390, -6.7550



190.2710, -28.5640, 0.0440



192.9460, -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.



190.2710, -28.5640, 0.0440



195.9540, 23.9770, 11.5050



190.0950, 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.



190.2710, -28.5640, 0.0440



194.7290, 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.



192.4450, 14.4440, -8.4680



190.2710, -28.5640, 0.0440



195.1190, 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.



190.2710, -28.5640, 0.0440



196.5600, 13.5230, 13.7390



193.6360, 24.3920, -1.5280



188.2550, -14.4400, -13.6400

Rectangle

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



190.2710, -28.5640, 0.0440



195.0290, -6.9710, 10.7010



193.6360, 24.3920, -1.5280



190.9600, 5.5040, -11.6480

Sweetspot

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



190.2710, -28.5640, 0.0440



244.3240, -9.7200, -0.0560



200.3690, -23.9290, -23.3930



120.5910, -6.0980, 0.3820



0.0000, 0.0000, 0.0000



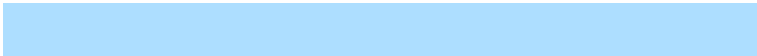
128.0000, -0.0000, -0.0000

Same Dimension

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



190.2710, -28.5640, 0.0440



211.1110, -39.7970, -0.1250



173.2480, -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.



184.6310, 23.9290, 23.3930



203.1040, 33.1430, 32.6230



211.7520, 20.5890, -15.2110



105.0870, 4.3090, 4.5090



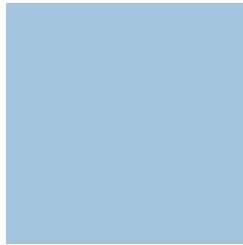
64.5940, 71.1910, 69.9670



17.6580, 19.2990, 19.1950

Previews

White Background



This preview shows how the YIQ color 190.2710, -28.5640, 0.0440 looks on a white background.

Color Contrast Check

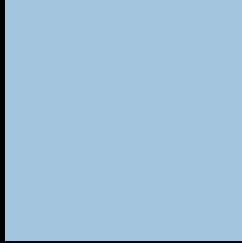
Large Text (above 18pt) WCAG AA × Fail

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 190.2710, -28.5640, 0.0440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

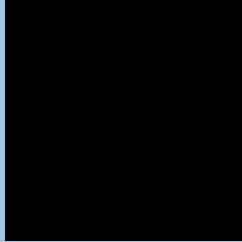
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.2710, -28.5640, 0.0440

Background



This preview shows how black text looks on a background with the YIQ color 190.2710, -28.5640, 0.0440.



This preview shows how white text looks on a background with the YIQ color 190.2710, -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

190.2710, -28.5640, 0.0440

Protanopia

193.4800, -9.8590, 7.9730

Deuteranopia

194.7950, -6.1920, 13.1040



Tritanopia

189.7610, -27.1880, -2.8680

Trichromacy



Original Color

190.2710, -28.5640, 0.0440

Protanomaly

192.6640, -16.3690, 4.8070

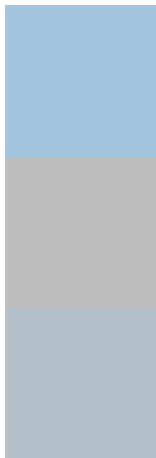
Deuteranomaly

193.4410, -14.1230, 8.1570

Tritanomaly

190.1030, -28.1510, -1.9350

Monochromacy



Original Color

190.2710, -28.5640, 0.0440

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.1390, -10.6370, 0.0430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.2710, -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(163, 198, 222)` looks like.

```
.text, #text, p{  
    color:rgb(163, 198, 222)  
}
```

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(163, 198, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 198, 222) }
```

Border

The CSS property to change the border of an element to YIQ 190.2710, -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(163, 198, 222) }
```


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

```
.border{ border-color:rgb(163, 198, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 198, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 198, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 198, 222);  
box-shadow:4px 4px 4px 4px rgb(163, 198,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 190.2710, -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(163, 198, 222) }
```

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

```
.background{ background-color: rgb(163,  
198, 222) }
```

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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