

Converting Colors

YIQ(190.4020, -27.5550,
-1.7230)

Have a look what the booklet for
YIQ(190.4020, -27.5550, -1.7230)
contains.

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Color

**YIQ(190.4020, -27.5550,
-1.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C7DA
RGB	163, 199, 218
RGB Percent	64%, 78%, 85%
CMY	0.3608, 0.2195, 0.1452
CMYK	0.25, 0.09, 0.00, 0.15
HSL	201°, 43%, 75%
HSV	201°, 25%, 85%
XYZ	48.1781, 53.6987, 74.1336
YIQ	190.4020, -27.5550, -1.7230

Conversions

Conversions Part 2

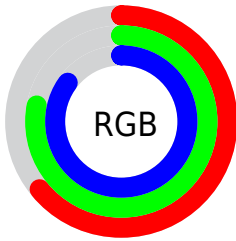
Format	Color
RYB	163, 185, 218
Decimal	10733530
CIELab	78.29, -7.74, -13.39
CIELCh	78, 15.462, 239.962
Yxy	53.6987, 0.2737, 0.3051
Android (android.graphics.Color)	4288923610 (0xFFA3C7DA)
YUV	190.4020, 13.6058, -24.0316
Hunter-Lab	73.2794, -10.8828, -8.6856

Details

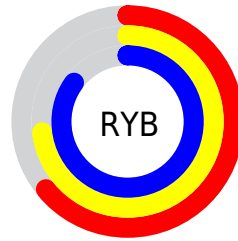
The YIQ color $190.4020, -27.5550, -1.7230$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $190.5980, 27.5550, 1.7230$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.2360, -21.4560, -7.6320$, and $136.5870, -26.6380, -1.8220$ is the 20% darker color. If you saturate the color by 10%, you get $179.7150, -38.7420, -2.7260$, and if you desaturate by 10%, it is $201.6760, -16.6430, -1.2430$.

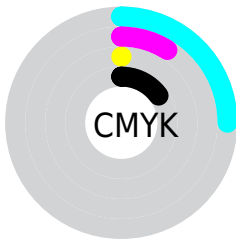
Distribution



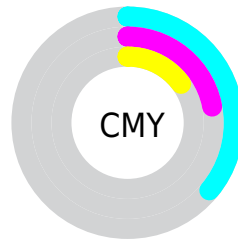
- Red (64%)
- Green (78%)
- Blue (85%)



- Red (64%)
- Yellow (73%)
- Blue (85%)



- Cyan (25%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (36%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.4020, -27.5550, -1.7230 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 190.4020, -27.5550, -1.7230 by changing the saturation by 10% instead.

■ 190.4020,
-27.5550, -1.7230

■ 190.4020,
-27.5550, -1.7230

■ 255.0000, -0.0000,
-0.0000

■ 163.2880,
-27.2340, -2.0340

■ 244.2360,
-21.4560, -7.6320

■ 136.5870,
-26.6380, -1.8220

■ 252.9070, -4.1720,
-1.4840

■ 110.8860,
-26.0420, -1.6100

■ 86.3590, -25.9960,
-2.4440

■ 62.0600, -26.5920,
-2.6560

■ 38.1520, -29.8470,
-4.2390

■ 21.2240, -21.1820,

-1.5820

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 190.4020,
-27.5550, -1.7230

■ 190.4020,
-27.5550, -1.7230

■ 179.7150,
-38.7420, -2.7260

■ 201.6760,
-16.6430, -1.2430

■ 168.4410,
-49.6540, -3.2060

■ 212.3630, -5.4560,
-0.2400

■ 157.4660,
-59.9700, -3.4740

■ 223.3380, 4.8600,
0.0280

■ 146.7790,
-71.1570, -4.4770

■ 234.0250, 16.0470,
1.0310

■ 135.5050,
-82.0690, -4.9570

■ 240.2160, 16.8270,
-2.0930

■ 124.8180,
-93.2560, -5.9600

■ 244.3250, 14.9020,
-5.7540

■ 113.5440,
-104.1680, -6.4400

■ 249.0210, 12.7020,
-9.9380

■ 108.7930,
-109.3030, -6.9910

■ 250.7820, 11.8770,
-11.5070

Harmonies

Analogous

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



189.1150, -28.4250, -7.9850



190.4020, -27.5550, -1.7230



192.9950, -18.7990, 4.7930

Triad

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



190.4020, -27.5550, -1.7230



196.5020, 19.4380, 11.1660



191.4160, 4.2200, -10.4040

Complementary

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



190.4020, -27.5550, -1.7230



190.5980, 27.5550, 1.7230

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.



193.3960, 16.1400, -6.1640



190.4020, -27.5550, -1.7230



196.0910, 24.8490, 6.7130

Square

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



190.4020, -27.5550, -1.7230



196.5810, 9.0300, 12.5660



194.8040, 23.9790, 0.4510



190.1200, -9.6260, -12.7780

Rectangle

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



190.4020, -27.5550, -1.7230



194.5940, -10.1800, 8.2840



194.8040, 23.9790, 0.4510



192.3950, 8.7130, -9.2310

Sweetspot

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



190.4020, -27.5550, -1.7230



244.9110, -9.9950, -0.5790



197.3370, -20.9030, -23.1670



121.1780, -6.3730, -0.1410



0.0000, 0.0000, 0.0000



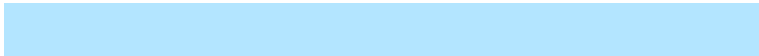
128.0000, -0.0000, -0.0000

Same Dimension

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



190.4020, -27.5550, -1.7230



217.0140, -38.1460, -2.5140



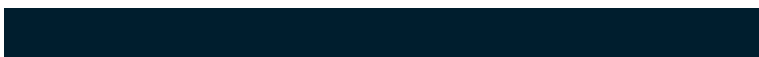
174.5530, -20.1300, 12.3980



104.3630, -5.4560, -0.2400



86.6400, -86.8830, -5.8190



22.8540, -23.0160, -1.3840

Inverse Universe

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



183.5490, 21.2240, 22.8560



207.4240, 29.2460, 31.6620



206.4470, 20.1300, -12.3980



103.0870, 4.3090, 4.5090



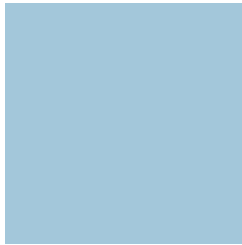
64.7230, 66.5140, 72.1300



17.1740, 17.7860, 19.0820

Previews

White Background



This preview shows how the YIQ color 190.4020, -27.5550, -1.7230 looks on a white background.

Color Contrast Check

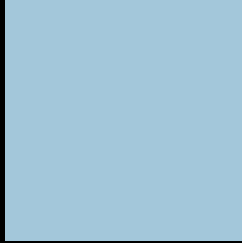
Large Text (above 18pt) WCAG AA × Fail

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 190.4020, -27.5550, -1.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

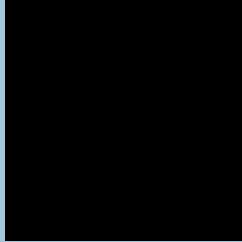
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.4020, -27.5550, -1.7230

Background



This preview shows how black text looks on a background with the YIQ color 190.4020, -27.5550, -1.7230.



This preview shows how white text looks on a background with the YIQ color 190.4020, -27.5550, -1.7230.

-1.7230.

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

190.4020, -27.5550, -1.7230

Protanopia

194.0950, -7.3370, 6.3190

Deuteranopia

194.9370, -3.7160, 12.2840



Tritanopia

189.7610, -27.1880, -2.8680

Trichromacy



Original Color

190.4020, -27.5550, -1.7230

Protanomaly

193.0940, -14.7640, 3.2520

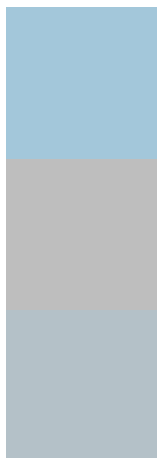
Deuteranomaly

193.2840, -12.2430, 7.1250

Tritanomaly

189.8750, -27.5090, -2.5570

Monochromacy



Original Color

190.4020, -27.5550, -1.7230

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.9110, -9.9950, -0.5790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.4020, -27.5550, -1.7230 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, 199, 218)` looks like.

```
.text, #text, p{  
    color:rgb(163, 199, 218)  
}
```

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, 199, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 199, 218) }
```

Border

The CSS property to change the border of an element to YIQ 190.4020, -27.5550, -1.7230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

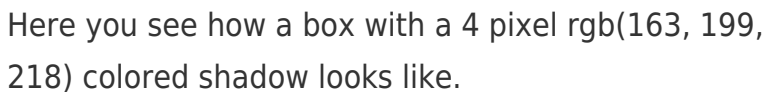
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 199, 218) }
```


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

```
.border{ border-color:rgb(163, 199, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 199, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 199, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 199, 218); box-shadow:4px 4px 4px 4px rgb(163, 199, 218) }
```

Background

The CSS property to change the background color of an element to YIQ 190.4020, -27.5550, -1.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 199, 218) }
```

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

```
.background{ background-color: rgb(163,  
199, 218) }
```

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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