

Converting Colors

YIQ(188.7690, -12.4710, 0.2410)

Have a look what the booklet for
YIQ(188.7690, -12.4710, 0.2410)
contains.

YIQ(188.7690, -12.4710, 0.2410)	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(188.7690, -12.4710,
0.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C0CB
RGB	177, 192, 203
RGB Percent	69%, 75%, 80%
CMY	0.3059, 0.2470, 0.2040
CMYK	0.13, 0.05, 0.00, 0.20
HSL	205°, 20%, 75%
HSV	205°, 13%, 80%
XYZ	47.7585, 51.3594, 63.8869
YIQ	188.7690, -12.4710, 0.2410

Conversions

Conversions Part 2

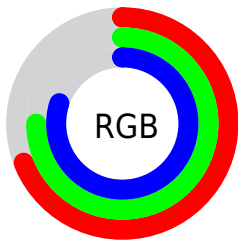
Format	Color
R_{YB}	177, 187, 203
Decimal	11649227
CIE _{Lab}	76.90, -2.91, -7.27
CIE _{LCh}	77, 7.831, 248.175
Yxy	51.3594, 0.2930, 0.3151
Android (android.graphics.Color)	4289839307 (0xFFB1C0CB)
YUV	188.7690, 7.0159, -10.3214
Hunter-Lab	71.6655, -6.4605, -2.6888

Details

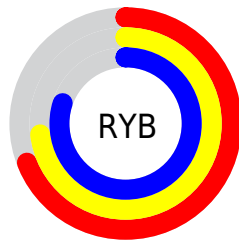
The YIQ color $188.7690, -12.4710, 0.2410$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $191.2310, 12.4710, -0.2410$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.3130, -11.1870, -1.0030$, and $135.6550, -12.1500, -0.0700$ is the 20% darker color. If you saturate the color by 10%, you get $177.5060, -21.9160, 0.7080$, and if you desaturate by 10%, it is $200.0320, -3.0260, -0.2260$.

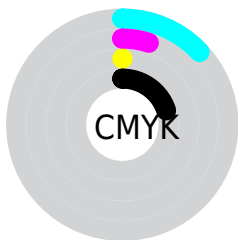
Distribution



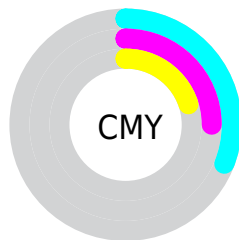
- Red (69%)
- Green (75%)
- Blue (80%)



- Red (69%)
- Yellow (73%)
- Blue (80%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.7690, -12.4710, 0.2410 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 188.7690, -12.4710, 0.2410 by changing the saturation by 10% instead.

■ 188.7690,
-12.4710, 0.2410

■ 188.7690,
-12.4710, 0.2410

■ 255.0000, -0.0000,
-0.0000

■ 161.7690,
-12.4710, 0.2410

■ 244.3130,
-11.1870, -1.0030

■ 135.6550,
-12.1500, -0.0700

■ 109.9540,
-11.5540, 0.1420

■ 85.8400, -11.2330,
-0.1690

■ 62.1390, -10.6370,
0.0430

■ 40.1390, -10.6370,
0.0430

■ 19.4270, -11.5080,

-0.6920

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 188.7690,
-12.4710, 0.2410

■ 188.7690,
-12.4710, 0.2410

■ 177.5060,
-21.9160, 0.7080

■ 200.0320, -3.0260,
-0.2260

■ 166.5310,
-32.2320, 0.4400

■ 211.0070, 7.2900,
0.0420

■ 155.2680,
-41.6770, 0.9070

■ 222.2700, 16.7350,
-0.4250

■ 144.5920,
-51.3970, 0.8510

■ 232.0490, 24.6670,
-1.0050

■ 133.3290,
-60.8420, 1.3180

■ 237.3320, 22.1920,
-5.7120

■ 122.3540,
-71.1580, 1.0500

■ 242.0280, 19.9920,
-9.8960

■ 111.0910,
-80.6030, 1.5170

■ 247.3110, 17.5170,
-14.6030

■ 99.8280, -90.0480,
1.9840

■ 249.0720, 16.6920,
-16.1720

■ 91.8210, -97.3380,
1.9420

Harmonies

Analogous

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



188.1770, -13.8000, -3.2080



188.7690, -12.4710, 0.2410



190.1010, -7.4740, 3.2940

Triad

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



188.7690, -12.4710, 0.2410



191.3220, 10.9570, 5.1730



188.3110, 0.3220, -5.8380

Complementary

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



188.7690, -12.4710, 0.2410



191.2310, 12.4710, -0.2410

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.



189.6000, 6.8780, -3.5060



188.7690, -12.4710, 0.2410



191.1110, 12.9290, 2.4730

Square

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



188.7690, -12.4710, 0.2410



191.5110, 6.0510, 5.9790



190.6330, 11.2790, -0.6650



188.0760, -6.3260, -6.5020

Rectangle

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



188.7690, -12.4710, 0.2410



190.6070, -3.0270, 5.3010



190.6330, 11.2790, -0.6650



188.5070, 2.7060, -4.9900

Sweetspot

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



188.7690, -12.4710, 0.2410



249.6620, -4.8600, -0.0280



193.5160, -10.6810, -10.1770



124.1460, -3.3470, 0.0850



0.0000, 0.0000, 0.0000



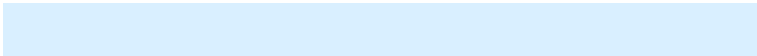
128.0000, -0.0000, -0.0000

Same Dimension

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



188.7690, -12.4710, 0.2410



234.2460, -18.2480, 0.3120



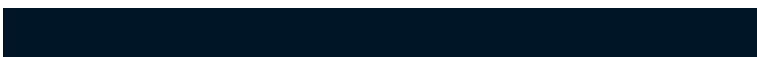
181.1380, -8.8960, 7.0400



96.6620, -4.8600, -0.0280



75.2760, -79.6860, 1.4180



17.2460, -18.2480, 0.3120

Inverse Universe

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



186.4840, 10.6810, 10.1770



230.8700, 15.5860, 14.8980



198.8620, 8.8960, -7.0400



95.6740, 4.0340, 3.9860



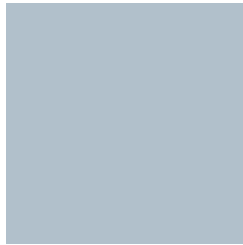
60.5780, 68.1200, 65.0480



13.8700, 15.5860, 14.8980

Previews

White Background



This preview shows how the YIQ color 188.7690, -12.4710, 0.2410 looks on a white background.

Color Contrast Check

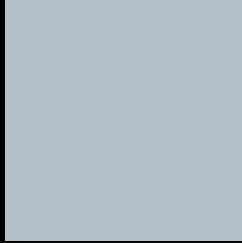
Large Text (above 18pt) WCAG AA × Fail

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 188.7690, -12.4710, 0.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

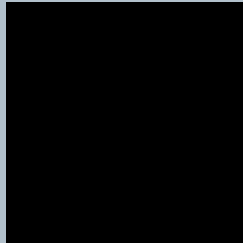
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

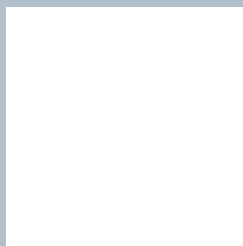
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 188.7690, -12.4710, 0.2410

Background



This preview shows how black text looks on a background with the YIQ color 188.7690, -12.4710, 0.2410.



This preview shows how white text looks on a background with the YIQ color 188.7690, -12.4710,

0.2410.

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

188.7690, -12.4710, 0.2410

Protanopia

190.0800, -2.9810, 4.4670

Deuteranopia

191.4770, 3.3910, 10.1350



Tritanopia

188.9370, -12.8840, 2.2200

Trichromacy



Original Color

188.7690, -12.4710, 0.2410

Protanomaly

189.2860, -6.5570, 3.1950

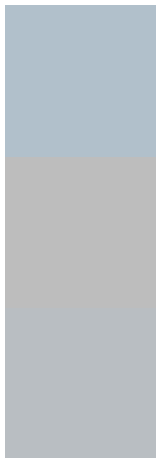
Deuteranomaly

190.4330, -2.4770, 6.3470

Tritanomaly

188.8230, -12.5630, 1.9090

Monochromacy



Original Color

188.7690, -12.4710, 0.2410

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.9610, -4.2640, 0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.7690, -12.4710, 0.2410 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(177, 192, 203)` looks like.

```
.text, #text, p{  
    color:rgb(177, 192, 203)  
}
```

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(177, 192, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 192, 203) }
```

Border

The CSS property to change the border of an element to YIQ 188.7690, -12.4710, 0.2410 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(177, 192, 203) }
```


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

```
.border{ border-color:rgb(177, 192, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 192, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 192, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 192, 203);  
box-shadow:4px 4px 4px 4px rgb(177, 192,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 188.7690, -12.4710, 0.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 192, 203) }
```

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

```
.background{ background-color: rgb(177,  
192, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor