

Converting Colors

YIQ(178.2740, -15.4510,
-0.8190)

Have a look what the booklet for
YIQ(178.2740, -15.4510, -0.8190)
contains.

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Color

**YIQ(178.2740, -15.4510,
-0.8190)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B7C2
RGB	163, 183, 194
RGB Percent	64%, 72%, 76%
CMY	0.3608, 0.2823, 0.2393
CMYK	0.16, 0.06, 0.00, 0.24
HSL	201°, 20%, 70%
HSV	201°, 16%, 76%
XYZ	41.7730, 45.5501, 57.6188
YIQ	178.2740, -15.4510, -0.8190

Conversions

Conversions Part 2

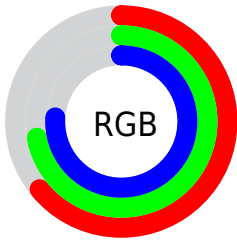
Format	Color
R _Y B	163, 175, 194
Decimal	10729410
CIE Lab	73.25, -4.56, -7.89
CIE LCh	73, 9.109, 239.967
Yxy	45.5501, 0.2882, 0.3143
Android (android.graphics.Color)	4288919490 (0xFFA3B7C2)
YUV	178.2740, 7.7529, -13.3953
Hunter-Lab	67.4908, -7.6277, -3.3740

Details

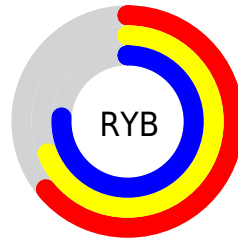
The YIQ color $178.2740, -15.4510, -0.8190$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $178.7260, 15.4510, 0.8190$, and the grayscale version is $178.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.9750, -16.0470, -1.0310$, and $125.4590, -14.5340, -0.9180$ is the 20% darker color. If you saturate the color by 10%, you get $168.4840, -24.8500, -1.1860$, and if you desaturate by 10%, it is $188.0640, -6.0520, -0.4520$.

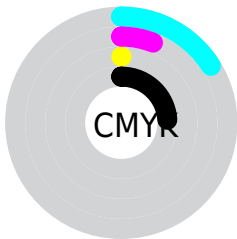
Distribution



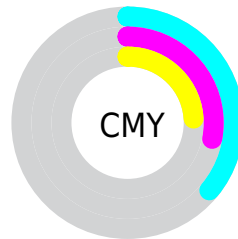
- Red (64%)
- Green (72%)
- Blue (76%)



- Red (64%)
- Yellow (69%)
- Blue (76%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.2740, -15.4510, -0.8190 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 178.2740, -15.4510, -0.8190 by changing the saturation by 10% instead.

■ 178.2740,
-15.4510, -0.8190

■ 178.2740,
-15.4510, -0.8190

■ 255.0000, -0.0000,
-0.0000

■ 151.5730,
-14.8550, -0.6070

■ 233.9750,
-16.0470, -1.0310

■ 125.4590,
-14.5340, -0.9180

■ 252.6080, -4.7680,
-1.6960

■ 100.4590,
-14.5340, -0.9180

■ 76.6440, -13.6170,
-1.0170

■ 53.6440, -13.6170,
-1.0170

■ 31.6440, -13.6170,
-1.0170

■ 11.5410, -11.8290,

-0.3810

■ 0.0000, 0.0000,
0.0000

■ 178.2740,
-15.4510, -0.8190

■ 178.2740,
-15.4510, -0.8190

■ 168.4840,
-24.8500, -1.1860

■ 188.0640, -6.0520,
-0.4520

■ 158.3950,
-34.8450, -1.7650

■ 198.1530, 3.9430,
0.1270

■ 148.6050,
-44.2440, -2.1320

■ 207.9430, 13.3420,
0.4940

■ 139.1030,
-54.5140, -3.2340

■ 217.4450, 23.6120,
1.5960

■ 129.3130,
-63.9130, -3.6010

■ 225.7400, 30.0310,
0.9030

■ 119.5230,
-73.3120, -3.9680

■ 229.8490, 28.1060,
-2.7580

■ 109.4340,
-83.3070, -4.5470

■ 233.9580, 26.1810,
-6.4190

■ 99.6440, -92.7060,
-4.9140

■ 238.0670, 24.2560,
-10.0800

■ 95.4910, -96.6490,
-5.0410

■ 242.1760, 22.3310,
-13.7410

Harmonies

Analogous

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



177.5680, -16.4590, -4.5790



178.2740, -15.4510, -0.8190



179.7200, -10.7750, 2.5450

Triad

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



178.2740, -15.4510, -0.8190



181.5610, 11.7820, 6.7420



178.8660, 3.0730, -6.1350

Complementary

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



178.2740, -15.4510, -0.8190



178.7260, 15.4510, 0.8190

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.



179.5680, 9.9040, -3.2800



178.2740, -15.4510, -0.8190



181.5350, 14.6710, 3.9430

Square

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



178.2740, -15.4510, -0.8190



181.2660, 5.3630, 7.4350



180.8290, 13.6630, 0.1830



177.7340, -5.3630, -7.4350

Rectangle

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



178.2740, -15.4510, -0.8190



180.5250, -5.7320, 4.7640



180.8290, 13.6630, 0.1830



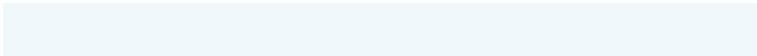
179.0620, 5.4570, -5.2870

Sweetspot

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



178.2740, -15.4510, -0.8190



246.0640, -6.0520, -0.4520



182.4510, -12.0560, -12.7920



123.8470, -3.9430, -0.1270



0.0000, 0.0000, 0.0000



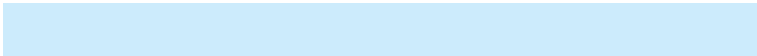
128.0000, -0.0000, -0.0000

Same Dimension

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



178.2740, -15.4510, -0.8190



227.6690, -23.9330, -1.2850



169.4690, -11.3260, 7.0260



91.6620, -4.8600, -0.0280



79.4020, -80.2810, -4.3210



16.0890, -16.3680, -0.7200

Inverse Universe

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



174.5490, 12.0560, 12.7920



221.8860, 18.6570, 19.8170



187.5310, 11.3260, -7.0260



90.6740, 4.0340, 3.9860



59.9950, 62.5720, 66.4760



12.2610, 12.9270, 13.5270

Previews

White Background



This preview shows how the YIQ color 178.2740, -15.4510, -0.8190 looks on a white background.

Color Contrast Check

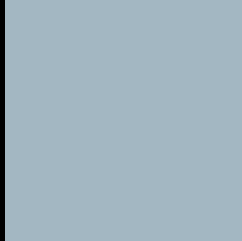
Large Text (above 18pt) WCAG AA × Fail

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 178.2740, -15.4510, -0.8190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

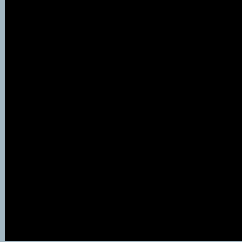
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

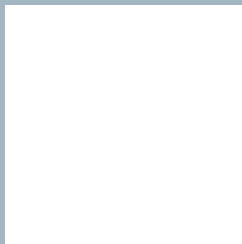
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 178.2740, -15.4510, -0.8190

Background



This preview shows how black text looks on a background with the YIQ color 178.2740, -15.4510, -0.8190.



This preview shows how white text looks on a background with the YIQ color 178.2740, -15.4510, -0.8190.

-0.8190.

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

178.2740, -15.4510, -0.8190

Protanopia

179.7810, -3.5770, 4.2550

Deuteranopia

181.8790, 2.1990, 9.7110



Tritanopia

178.9150, -15.8180, 0.3260

Trichromacy



Original Color

178.2740, -15.4510, -0.8190

Protanomaly

179.2750, -8.0240, 2.2480

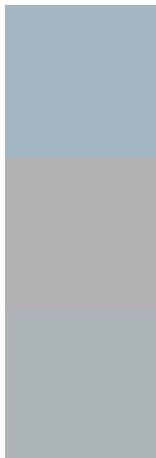
Deuteranomaly

180.5360, -4.2650, 5.7110

Tritanomaly

178.8010, -15.4970, 0.0150

Monochromacy



Original Color

178.2740, -15.4510, -0.8190

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.3630, -5.4560, -0.2400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.2740, -15.4510, -0.8190 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, 183, 194)` looks like.

```
.text, #text, p{  
    color:rgb(163, 183, 194)  
}
```

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, 183, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 183, 194) }
```

Border

The CSS property to change the border of an element to YIQ 178.2740, -15.4510, -0.8190 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, 183, 194) }
```


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

```
.border{ border-color:rgb(163, 183, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 183, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 183, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 183, 194);  
box-shadow:4px 4px 4px 4px rgb(163, 183,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 178.2740, -15.4510, -0.8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 183, 194) }
```

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

```
.background{ background-color: rgb(163,  
183, 194) }
```

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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