

Converting Colors

YIQ(180.3560, -12.7460,
-0.2820)

Have a look what the booklet for
YIQ(180.3560, -12.7460, -0.2820)
contains.

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Color

**YIQ(180.3560, -12.7460,
-0.2820)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B8C2
RGB	168, 184, 194
RGB Percent	66%, 72%, 76%
CMY	0.3412, 0.2784, 0.2393
CMYK	0.13, 0.05, 0.00, 0.24
HSL	203°, 18%, 71%
HSV	203°, 13%, 76%
XYZ	43.0245, 46.5021, 57.7383
YIQ	180.3560, -12.7460, -0.2820

Conversions

Conversions Part 2

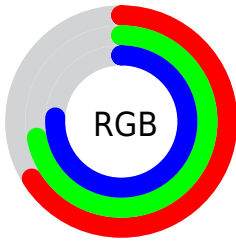
Format	Color
R_{YB}	168, 178, 194
Decimal	11057346
CIE _{Lab}	73.87, -3.46, -6.93
CIE _{LCh}	74, 7.749, 243.469
Yxy	46.5021, 0.2922, 0.3158
Android (android.graphics.Color)	4289247426 (0xFFA8B8C2)
YUV	180.3560, 6.7265, -10.8362
Hunter-Lab	68.1924, -6.7161, -2.4660

Details

The YIQ color $180.3560, -12.7460, -0.2820$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $181.6440, 12.7460, 0.2820$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $236.0570, -13.3420, -0.4940$, and $127.5410, -11.8290, -0.3810$ is the 20% darker color. If you saturate the color by 10%, you get $170.5660, -22.1450, -0.6490$, and if you desaturate by 10%, it is $190.1460, -3.3470, 0.0850$.

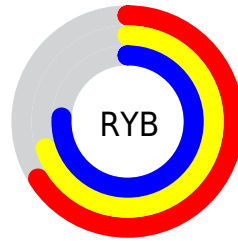
Distribution



Red (66%)

Green (72%)

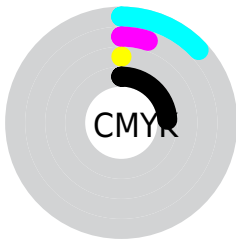
Blue (76%)



Red (66%)

Yellow (70%)

Blue (76%)

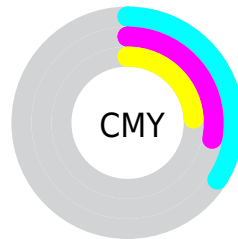


Cyan (13%)

Magenta (5%)

Yellow (0%)

Black (24%)



Cyan (34%)

Magenta (28%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.3560, -12.7460, -0.2820 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 180.3560, -12.7460, -0.2820 by changing the saturation by 10% instead.

■ 180.3560,
-12.7460, -0.2820

■ 180.3560,
-12.7460, -0.2820

■ 255.0000, -0.0000,
-0.0000

■ 153.3560,
-12.7460, -0.2820

■ 236.0570,
-13.3420, -0.4940

■ 127.5410,
-11.8290, -0.3810

■ 254.1030, -1.7880,
-0.6360

■ 102.5410,
-11.8290, -0.3810

■ 78.4270, -11.5080,
-0.6920

■ 55.7260, -10.9120,
-0.4800

■ 33.7260, -10.9120,
-0.4800

■ 12.1280, -12.1040,

-0.9040

■ 0.0000, 0.0000,
0.0000

■ 180.3560,
-12.7460, -0.2820

■ 180.3560,
-12.7460, -0.2820

■ 170.5660,
-22.1450, -0.6490

■ 190.1460, -3.3470,
0.0850

■ 159.8900,
-31.8650, -0.7050

■ 200.8220, 6.3730,
0.1410

■ 150.1000,
-41.2640, -1.0720

■ 210.6120, 15.7720,
0.5080

■ 139.4240,
-50.9840, -1.1280

■ 221.2880, 25.4920,
0.5640

■ 129.6340,
-60.3830, -1.4950

■ 228.0880, 28.9310,
-1.1890

■ 119.2570,
-69.5070, -1.3390

■ 232.7840, 26.7310,
-5.3730

■ 109.1680,
-79.5020, -1.9180

■ 236.8930, 24.8060,
-9.0340

■ 98.7910, -88.6260,
-1.7620

■ 241.5890, 22.6060,
-13.2180

■ 92.5560, -95.2740,
-2.4260

■ 245.6980, 20.6810,
-16.8790

Harmonies

Analogous

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



179.1770, -13.8000, -3.2080



180.3560, -12.7460, -0.2820



181.5030, -8.6660, 2.8700

Triad

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



180.3560, -12.7460, -0.2820



183.1370, 10.0400, 5.2720



180.9090, 1.5140, -5.4140

Complementary

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



180.3560, -12.7460, -0.2820



181.6440, 12.7460, 0.2820

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.



181.1980, 8.0700, -3.0820



180.3560, -12.7460, -0.2820



182.6380, 12.8830, 3.3070

Square

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



180.3560, -12.7460, -0.2820



183.3260, 5.1340, 6.0780



182.0460, 11.5540, -0.1420



179.6740, -5.1340, -6.0780

Rectangle

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



180.3560, -12.7460, -0.2820



182.0090, -4.2190, 4.8770



182.0460, 11.5540, -0.1420



180.6920, 3.6230, -5.0890

Sweetspot

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



180.3560, -12.7460, -0.2820



247.2490, -5.1350, -0.5510



184.4020, -10.3600, -10.4880



124.1460, -3.3470, 0.0850



0.0000, 0.0000, 0.0000



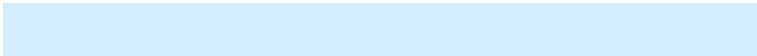
128.0000, -0.0000, -0.0000

Same Dimension

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



180.3560, -12.7460, -0.2820



231.2350, -19.7150, -0.6350



172.7250, -9.1710, 6.5170



91.6620, -4.8600, -0.0280



76.4670, -78.9060, -1.7060



15.5020, -16.0930, -0.1970

Inverse Universe

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



177.5980, 10.3600, 10.4880



226.8100, 15.8150, 16.2550



189.2750, 9.1710, -6.5170



90.6740, 4.0340, 3.9860



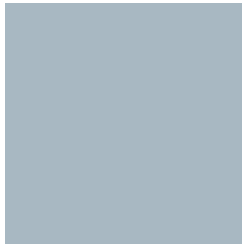
59.4250, 64.1770, 64.9210



12.1470, 13.2480, 13.2160

Previews

White Background



This preview shows how the YIQ color 180.3560, -12.7460, -0.2820 looks on a white background.

Color Contrast Check

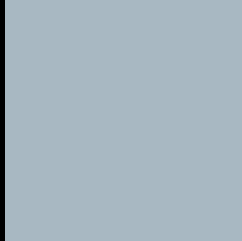
Large Text (above 18pt) WCAG AA × Fail

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 180.3560, -12.7460, -0.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

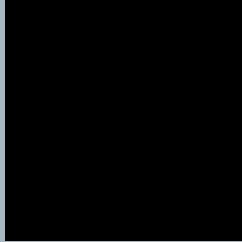
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

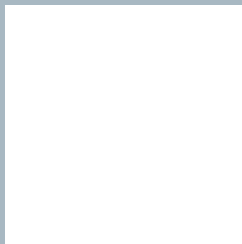
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 180.3560, -12.7460, -0.2820

Background



This preview shows how black text looks on a background with the YIQ color 180.3560, -12.7460, -0.2820.



This preview shows how white text looks on a background with the YIQ color 180.3560, -12.7460, -0.2820.

-0.2820.

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

180.3560, -12.7460, -0.2820

Protanopia

181.9660, -2.6600, 4.1560

Deuteranopia

183.0640, 3.1160, 9.6120



Tritanopia

180.5240, -13.1590, 1.6970

Trichromacy



Original Color

180.3560, -12.7460, -0.2820

Protanomaly

181.1720, -6.2360, 2.8840

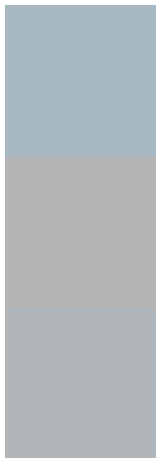
Deuteranomaly

182.0200, -2.7520, 5.8240

Tritanomaly

180.4100, -12.8380, 1.3860

Monochromacy



Original Color

180.3560, -12.7460, -0.2820

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.9610, -4.2640, 0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.3560, -12.7460, -0.2820 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(168, 184, 194)` looks like.

```
.text, #text, p{  
    color:rgb(168, 184, 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(168, 184, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 184, 194) }
```

Border

The CSS property to change the border of an element to YIQ 180.3560, -12.7460, -0.2820 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(168, 184, 194) }
```


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

```
.border{ border-color:rgb(168, 184, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 184, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(168, 184,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 180.3560, -12.7460, -0.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 184, 194) }
```

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

```
.background{ background-color: rgb(168,  
184, 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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