

Converting Colors

YIQ(196.7110, -15.7240,
-12.3960)

Have a look what the booklet for
YIQ(196.7110, -15.7240, -12.3960)
contains.

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Color

**YIQ(196.7110, -15.7240,
-12.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	AED1C1
RGB	174, 209, 193
RGB Percent	68%, 82%, 76%
CMY	0.3177, 0.1803, 0.2432
CMYK	0.17, 0.00, 0.08, 0.18
HSL	153°, 28%, 75%
HSV	153°, 17%, 82%
XYZ	49.8785, 58.4538, 59.0984
YIQ	196.7110, -15.7240, -12.3960

Conversions

Conversions Part 2

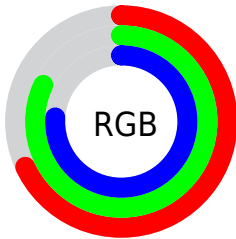
Format	Color
RYB	174, 197, 209
Decimal	11456961
CIELab	80.99, -14.76, 4.08
CIElCh	81, 15.316, 164.544
Yxy	58.4538, 0.2979, 0.3491
Android (android.graphics.Color)	4289647041 (0xFFAED1C1)
YUV	196.7110, -1.8295, -19.9175
Hunter-Lab	76.4551, -17.3447, 7.6884

Details

The YIQ color **196.7110, -15.7240, -12.3960** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **186.2890, 15.7240, 12.3960**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.8410, -12.9740, -7.1660**, and **143.1240, -15.4490, -11.8730** is the 20% darker color. If you saturate the color by 10%, you get **189.2920, -25.0300, -19.9580**, and if you desaturate by 10%, it is **204.1300, -6.4180, -4.8340**.

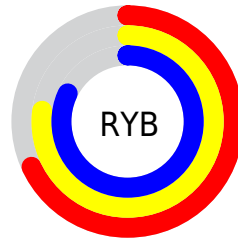
Distribution



Red (68%)

Green (82%)

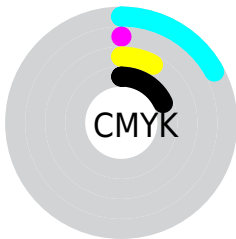
Blue (76%)



Red (68%)

Yellow (77%)

Blue (82%)

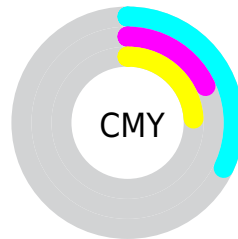


Cyan (17%)

Magenta (0%)

Yellow (8%)

Black (18%)



Cyan (32%)

Magenta (18%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.7110, -15.7240, -12.3960 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 196.7110, -15.7240, -12.3960 by changing the saturation by 10% instead.

■ 196.7110,
-15.7240, -12.3960

■ 196.7110,
-15.7240, -12.3960

255.0000, -0.0000,
-0.0000

■ 169.1240,
-15.4490, -11.8730

■ 246.8410,
-12.9740, -7.1660

■ 143.1240,
-15.4490, -11.8730

■ 116.8360,
-14.5780, -11.1380

■ 92.2490, -14.3030,
-10.6150

■ 68.2490, -14.3030,
-10.6150

■ 45.6620, -14.0280,
-10.0920

■ 23.8900, -14.6700,

-9.4700

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,
0.0000

■ 196.7110,
-15.7240, -12.3960

■ 196.7110,
-15.7240, -12.3960

■ 189.2920,
-25.0300, -19.9580

■ 204.1300, -6.4180,
-4.8340

■ 181.9870,
-34.6570, -27.2090

■ 211.4350, 3.2090,
2.4170

■ 174.5680,
-43.9630, -34.7710

■ 218.8540, 12.5150,
9.9790

■ 167.2630,
-53.5900, -42.0220

■ 225.2620, 20.3540,
16.5940

■ 159.8440,
-62.8960, -49.5840

■ 226.4020, 17.1440,
19.7040

■ 152.8380,
-71.9270, -56.6230

■ 227.4280, 14.2550,
22.5030

■ 145.4190,
-81.2330, -64.1850

■ 227.9980, 12.6500,
24.0580

■ 138.0000,
-90.5390, -71.7470

■ 135.5650,
-93.7480, -74.1640

Harmonies

Analogous

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



197.9530, -1.7860, -11.6900



196.7110, -15.7240, -12.3960



196.3170, -26.1780, -10.1620

Triad

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



196.7110, -15.7240, -12.3960



201.5120, -12.8850, 7.7470



203.0970, 24.7120, 3.6880

Complementary

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



196.7110, -15.7240, -12.3960



186.2890, 15.7240, 12.3960

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.



203.6010, 23.4730, 9.6250



196.7110, -15.7240, -12.3960



203.1610, 1.4650, 12.0010

Square

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



196.7110, -15.7240, -12.3960



199.2500, -24.0710, 1.2170



204.1040, 14.8070, 12.4950



201.8420, 20.8160, -2.8000

Rectangle

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



196.7110, -15.7240, -12.3960



196.7560, -28.7920, -6.8400



204.1040, 14.8070, 12.4950



203.4500, 25.2160, 5.5680

Sweetspot

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



196.7110, -15.7240, -12.3960



250.4290, -5.8220, -4.6220



199.3290, -0.0890, -14.9130



125.1520, -3.4840, -2.9400



0.0000, 0.0000, 0.0000



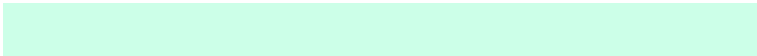
128.0000, -0.0000, -0.0000

Same Dimension

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



196.7110, -15.7240, -12.3960



237.1290, -23.0130, -17.9650



197.9480, -20.5850, -6.8970



101.1410, -4.9510, -3.8870



108.9900, -75.4110, -59.5630



26.5750, -18.3370, -14.6010

Inverse Universe

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



186.2890, 15.7240, 12.3960



221.8710, 23.0130, 17.9650



185.0520, 20.5850, 6.8970



97.8590, 4.9510, 3.8870



59.0100, 75.4110, 59.5630



14.4250, 18.3370, 14.6010

Previews

White Background



This preview shows how the YIQ color 196.7110, -15.7240, -12.3960 looks on a white background.

Color Contrast Check

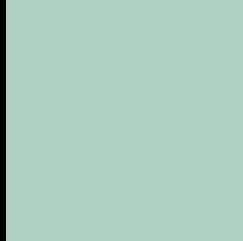
Large Text (above 18pt) WCAG AA × Fail

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 196.7110, -15.7240, -12.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

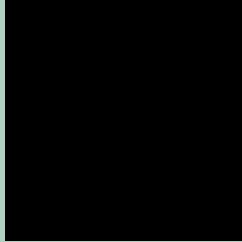
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

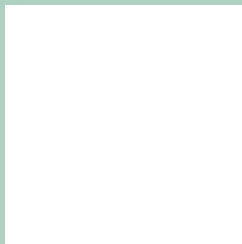
Any Text WCAG AAA ✓ Pass

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

YIQ 196.7110, -15.7240, -12.3960 Background



This preview shows how black text looks on a background with the YIQ color 196.7110, -15.7240, -12.3960.



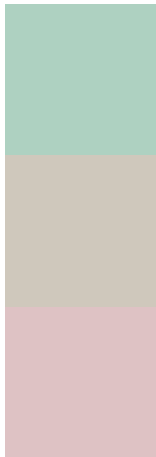
This preview shows how white text looks on a background with the YIQ color 196.7110, -15.7240, -12.3960.

-12.3960.

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

196.7110, -15.7240, -12.3960

Protanopia

200.7250, 8.0240, -2.2480

Deuteranopia

202.6000, 16.0460, 6.5580



Tritanopia

199.0500, -20.6320, -0.5360

Trichromacy



Original Color

196.7110, -15.7240, -12.3960

Protanomaly

199.1260, -0.5950, -5.7390

Deuteranomaly

200.3380, 4.8600, 0.0280

Tritanomaly

197.8990, -18.8890, -4.5930

Monochromacy



Original Color

196.7110, -15.7240, -12.3960

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.8420, -5.5470, -4.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.7110, -15.7240, -12.3960 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(174, 209, 193)` looks like.

```
.text, #text, p{  
    color:rgb(174, 209, 193)  
}
```

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(174, 209, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 209, 193) }
```

Border

The CSS property to change the border of an element to YIQ 196.7110, -15.7240, -12.3960 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(174, 209, 193) }
```


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

```
.border{ border-color:rgb(174, 209, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 209, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 209, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 209, 193);  
box-shadow:4px 4px 4px 4px rgb(174, 209,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 196.7110, -15.7240, -12.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 209, 193) }
```

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

```
.background{ background-color: rgb(174,  
209, 193) }
```

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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