

Converting Colors

YIQ(216.7610, -36.3560,
-12.9320)

Have a look what the booklet for
YIQ(216.7610, -36.3560, -12.9320)
contains.

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Color

**YIQ(216.7610, -36.3560,
-12.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	AEEBEB
RGB	174, 235, 235
RGB Percent	68%, 92%, 92%
CMY	0.3178, 0.0783, 0.0786
CMYK	0.26, 0.00, 0.00, 0.08
HSL	180°, 60%, 80%
HSV	180°, 26%, 92%
XYZ	62.1531, 74.4218, 89.6584
YIQ	216.7610, -36.3560, -12.9320

Conversions

Conversions Part 2

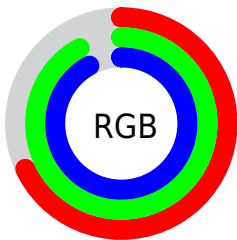
Format	Color
RYB	174, 205, 235
Decimal	11463659
CIELab	89.12, -19.12, -6.22
CIELCh	89, 20.106, 198.007
Yxy	74.4218, 0.2747, 0.3290
Android (android.graphics.Color)	4289653739 (0xFFAEEBEB)
YUV	216.7610, 8.9918, -37.5014
Hunter-Lab	86.2681, -22.3662, -1.2325

Details

The YIQ color **216.7610, -36.3560, -12.9320** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **192.2390, 36.3560, 12.9320**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.8240, -14.3040, -5.0880**, and **161.3590, -35.1640, -12.5080** is the 20% darker color. If you saturate the color by 10%, you get **209.5850, -50.6600, -18.0200**, and if you desaturate by 10%, it is **223.6380, -22.6480, -8.0560**.

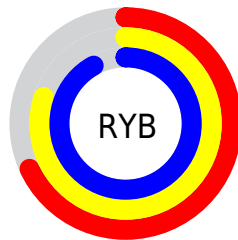
Distribution



Red (68%)

Green (92%)

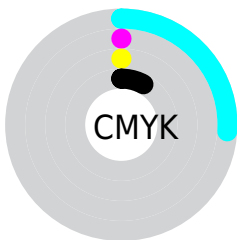
Blue (92%)



Red (68%)

Yellow (80%)

Blue (92%)

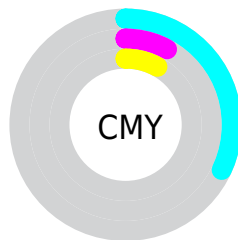


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (8%)



Cyan (32%)

Magenta (8%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.7610, -36.3560, -12.9320 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 216.7610, -36.3560, -12.9320 by changing the saturation by 10% instead.

■ 216.7610,
-36.3560, -12.9320

■ 216.7610,
-36.3560, -12.9320

255.0000, -0.0000,
-0.0000

■ 188.7610,
-36.3560, -12.9320

■ 247.8240,
-14.3040, -5.0880

■ 161.3590,
-35.1640, -12.5080

■ 134.4730,
-35.4850, -12.1970

■ 108.4730,
-35.4850, -12.1970

■ 82.8750, -36.6770,
-12.6210

■ 56.1840, -42.0410,
-14.5290

■ 37.9680, -32.5050,

-11.1370

■ 23.2470, -19.9890,
-6.6850

■ 1.2540, -3.5310,
3.4210

■ 216.7610,
-36.3560, -12.9320

■ 216.7610,
-36.3560, -12.9320

■ 209.5850,
-50.6600, -18.0200

■ 223.6380,
-22.6480, -8.0560

■ 202.7080,
-64.3680, -22.8960

■ 230.8140, -8.3440,
-2.9680

■ 195.5320,
-78.6720, -27.9840

■ 237.6910, 5.3640,
1.9080

■ 188.6550,
-92.3800, -32.8600

■ 240.9800, 11.9200,
4.2400

■ 181.4790,
-106.6840, -37.9480

■ 174.6020,
-120.3920, -42.8240

■ 167.4260,
-134.6960, -47.9120

■ 164.7350,
-140.0600, -49.8200

Harmonies

Analogous

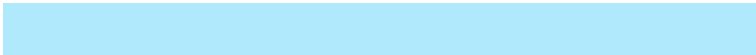
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.7700, -23.3800, -16.8200



216.7610, -36.3560, -12.9320



218.4220, -39.4750, -5.9630

Triad

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



216.7610, -36.3560, -12.9320



226.7640, 4.2610, 16.3970



224.3110, 26.6850, -4.5390

Complementary

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



216.7610, -36.3560, -12.9320



192.2390, 36.3560, 12.9320

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.



224.2070, 30.2140, 3.0940



216.7610, -36.3560, -12.9320



226.5500, 19.4830, 15.8590

Square

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



216.7610, -36.3560, -12.9320



224.5660, -12.9770, 9.4150



224.3840, 25.5820, 9.9500



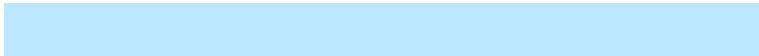
221.8530, 13.1150, -11.9170

Rectangle

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



216.7610, -36.3560, -12.9320



219.6940, -34.2490, -1.5530



224.3840, 25.5820, 9.9500



224.8600, 29.5730, -1.8110

Sweetspot

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



216.7610, -36.3560, -12.9320



249.0200, -11.9200, -4.2400



210.1060, -16.1790, -31.6910



123.9990, -7.4270, -3.0670



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.



216.7610, -36.3560, -12.9320



231.3790, -47.0840, -16.7480



199.7380, -28.3810, 2.2350



113.7110, -6.5560, -2.3320



126.8810, -107.8760, -38.3720



37.7400, -31.8630, -11.7590

Inverse Universe

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



192.2390, 36.3560, 12.9320



199.6210, 47.0840, 16.7480



209.2620, 28.3810, -2.2350



109.2890, 6.5560, 2.3320



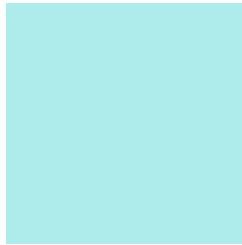
54.1190, 107.8760, 38.3720



16.1460, 32.1840, 11.4480

Previews

White Background



This preview shows how the YIQ color 216.7610, -36.3560, -12.9320 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 216.7610, -36.3560, -12.9320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

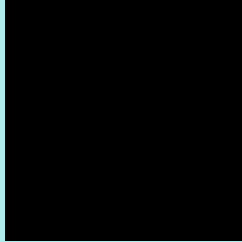
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

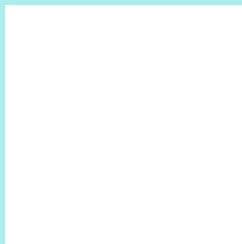
Any Text WCAG AAA ✓ Pass

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

YIQ 216.7610, -36.3560, -12.9320 Background



This preview shows how black text looks on a background with the YIQ color 216.7610, -36.3560, -12.9320.



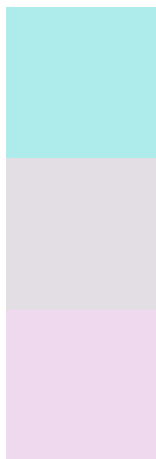
This preview shows how white text looks on a background with the YIQ color 216.7610, -36.3560, -12.9320.

-12.9320.

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

216.7610, -36.3560, -12.9320

Protanopia

223.7660, 0.7790, 2.4030

Deuteranopia

225.7870, 5.4540, 11.2940



Tritanopia

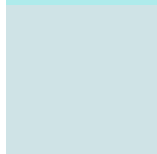
218.3080, -39.1540, -6.2740

Trichromacy



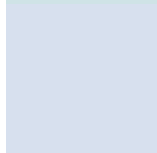
Original Color

216.7610, -36.3560, -12.9320



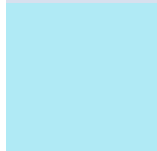
Protanomaly

221.3620, -12.8830, -3.3070



Deuteranomaly

222.9050, -9.8580, 2.4460



Tritanomaly

217.9120, -38.0990, -8.8750

Monochromacy



Original Color

216.7610, -36.3560, -12.9320



Achromatopsia

217.0000, -0.0000, 0.0000



Achromatomaly

217.1230, -13.7080, -4.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.7610, -36.3560, -12.9320 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, 235, 235)` looks like.

```
.text, #text, p{  
    color:rgb(174, 235, 235)  
}
```

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, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 235, 235) }
```

Border

The CSS property to change the border of an element to YIQ 216.7610, -36.3560, -12.9320 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, 235, 235) }
```


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

```
.border{ border-color:rgb(174, 235, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 235, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 235, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 235, 235);  
box-shadow:4px 4px 4px 4px rgb(174, 235,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 216.7610, -36.3560, -12.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 235, 235) }
```

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

```
.background{ background-color: rgb(174,  
235, 235) }
```

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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