

Converting Colors

YIQ(216.2220, -36.0360,
-7.7160)

Have a look what the booklet for
YIQ(216.2220, -36.0360, -7.7160)
contains.

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Color

**YIQ(216.2220, -36.0360,
-7.7160)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E7F3
RGB	177, 231, 243
RGB Percent	69%, 91%, 95%
CMY	0.3060, 0.0940, 0.0472
CMYK	0.27, 0.05, 0.00, 0.05
HSL	191°, 73%, 82%
HSV	191°, 27%, 95%
XYZ	62.8785, 72.9768, 95.5351
YIQ	216.2220, -36.0360, -7.7160

Conversions

Conversions Part 2

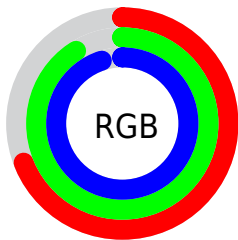
Format	Color
RYB	177, 207, 243
Decimal	11659251
CIELab	88.44, -14.49, -11.41
CIElCh	88, 18.438, 218.212
Yxy	72.9768, 0.2717, 0.3154
Android (android.graphics.Color)	4289849331 (0xFFB1E7F3)
YUV	216.2220, 13.2016, -34.3977
Hunter-Lab	85.4264, -18.1106, -6.5074

Details

The YIQ color $216.2220, -36.0360, -7.7160$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $203.7780, 36.0360, 7.7160$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7210, -12.5160, -4.4520$, and $160.5210, -35.4400, -7.5040$ is the 20% darker color. If you saturate the color by 10%, you get $206.6980, -49.2400, -10.7120$, and if you desaturate by 10%, it is $225.7460, -22.8320, -4.7200$.

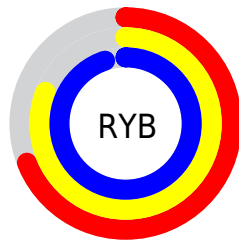
Distribution



Red (69%)

Green (91%)

Blue (95%)



Red (69%)

Yellow (81%)

Blue (95%)

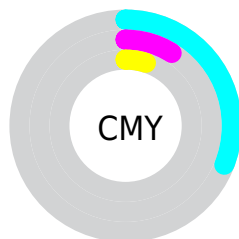


Cyan (27%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (31%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.2220, -36.0360, -7.7160 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 216.2220, -36.0360, -7.7160 by changing the saturation by 10% instead.

■ 216.2220,
-36.0360, -7.7160

■ 216.2220,
-36.0360, -7.7160

255.0000, -0.0000,
-0.0000

■ 188.2220,
-36.0360, -7.7160

■ 248.7210,
-12.5160, -4.4520

■ 160.5210,
-35.4400, -7.5040

■ 134.4070,
-35.1190, -7.8150

■ 108.4070,
-35.1190, -7.8150

■ 82.9940, -35.3940,
-8.3380

■ 56.9010, -39.5660,
-9.8220

■ 36.8910, -33.6060,

-7.7020

■ 22.0560, -20.7690,
-3.5610

■ 2.7530, -6.3740,
5.3860

■ 216.2220,
-36.0360, -7.7160

■ 216.2220,
-36.0360, -7.7160

■ 206.6980,
-49.2400, -10.7120

■ 225.7460,
-22.8320, -4.7200

■ 196.2880,
-62.7650, -13.3970

■ 236.1560, -9.3070,
-2.0350

■ 186.7640,
-75.9690, -16.3930

■ 245.6800, 3.8970,
0.9610

■ 176.6530,
-88.8980, -18.8660

■ 250.1100, 5.5020,
-0.5940

■ 166.8300,
-102.6980, -22.0740

■ 252.4580, 4.4020,
-2.6860

■ 157.3060,
-115.9020, -25.0700

■ 253.6320, 3.8520,
-3.7320

■ 147.1950,
-128.8310, -27.5430

■ 144.5150,
-132.7280, -28.5040

Harmonies

Analogous

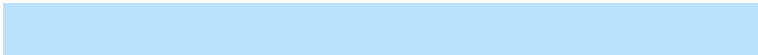
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215.4690, -29.6620, -13.1020



216.2220, -36.0360, -7.7160



218.4170, -31.9110, 0.1290

Triad

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



216.2220, -36.0360, -7.7160



225.0980, 14.9440, 15.5200



220.7010, 16.5990, -8.9770

Complementary

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



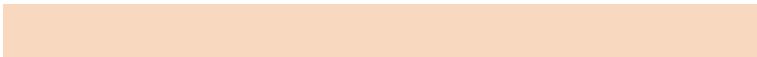
216.2220, -36.0360, -7.7160



203.7780, 36.0360, 7.7160

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.



222.6040, 27.4180, -1.3020



216.2220, -36.0360, -7.7160



224.3670, 24.2520, 12.0280

Square

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



216.2220, -36.0360, -7.7160



224.3610, -1.9740, 13.7540



223.6030, 29.1590, 5.6950



219.0410, 0.7820, -14.1780

Rectangle

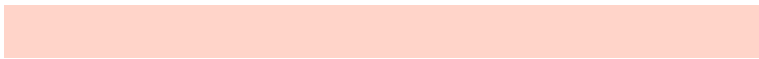
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.2220, -36.0360, -7.7160



220.6570, -23.6590, 4.7650



223.6030, 29.1590, 5.6950



221.3210, 20.7250, -6.6590

Sweetspot

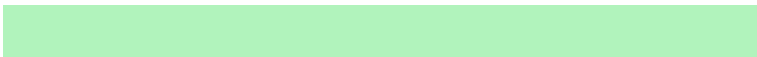
The Sweet Spot groups the original color and five complimentary colors.



216.2220, -36.0360, -7.7160



246.6720, -10.8200, -2.1480



216.9960, -21.6810, -31.0970



122.3520, -6.9230, -1.1870



0.0000, 0.0000, 0.0000



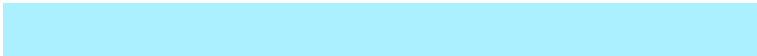
128.0000, -0.0000, -0.0000

Same Dimension

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



216.2220, -36.0360, -7.7160



221.0790, -45.9390, -9.9630



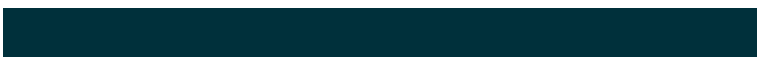
197.4380, -27.2360, 9.0200



117.2380, -6.6020, -1.4980



110.4280, -101.5060, -21.6500



34.9020, -32.1390, -6.7550

Inverse Universe

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



202.8900, 22.0020, 30.7860



203.9820, 27.9150, 39.2670



222.5620, 27.2360, -9.0200



114.7280, 3.9420, 5.6540



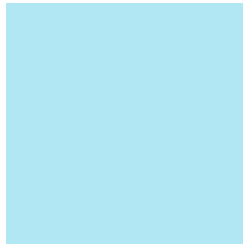
72.9420, 62.0640, 86.7040



23.1130, 19.7560, 27.4360

Previews

White Background



This preview shows how the YIQ color 216.2220, -36.0360, -7.7160 looks on a white background.

Color Contrast Check

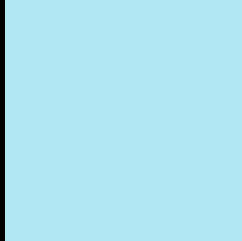
Large Text (above 18pt) WCAG AA × Fail

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 216.2220, -36.0360, -7.7160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

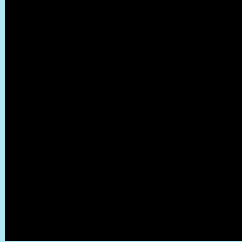
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.2220, -36.0360, -7.7160

Background



This preview shows how black text looks on a background with the YIQ color 216.2220, -36.0360, -7.7160.



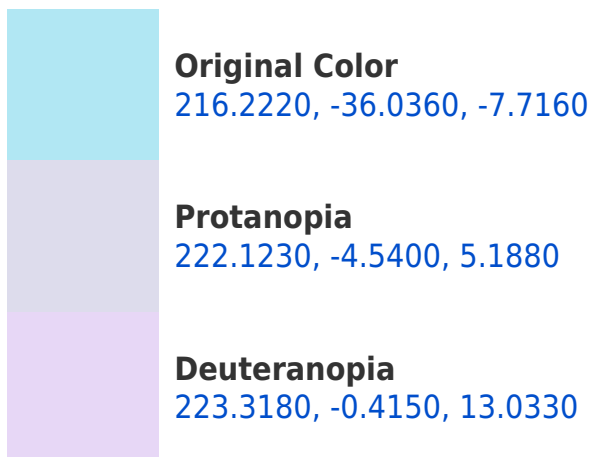
This preview shows how white text looks on a background with the YIQ color 216.2220, -36.0360, -7.7160.

-7.7160.

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

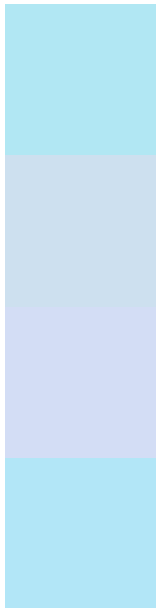




Tritanopia

216.6180, -37.0910, -5.1150

Trichromacy



Original Color

216.2220, -36.0360, -7.7160

Protanomaly

220.0290, -16.1390, 0.6370

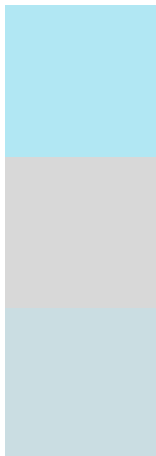
Deuteranomaly

220.7460, -13.6640, 5.3440

Tritanomaly

216.3900, -36.4490, -5.7370

Monochromacy



Original Color

216.2220, -36.0360, -7.7160

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.8890, -12.9290, -2.4730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.2220, -36.0360, -7.7160 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, 231, 243)` looks like.

```
.text, #text, p{  
    color:rgb(177, 231, 243)  
}
```

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, 231, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 231, 243) }
```

Border

The CSS property to change the border of an element to YIQ 216.2220, -36.0360, -7.7160 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, 231, 243) }
```


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

```
.border{ border-color:rgb(177, 231, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 231, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 231, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 231, 243);  
box-shadow:4px 4px 4px 4px rgb(177, 231,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 216.2220, -36.0360, -7.7160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 231, 243) }
```

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

```
.background{ background-color: rgb(177,  
231, 243) }
```

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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