

Converting Colors

YIQ(214.0790, -28.7440,
-18.7280)

Have a look what the booklet for
YIQ(214.0790, -28.7440, -18.7280)
contains.

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Color

**YIQ(214.0790, -28.7440,
-18.7280)**

Conversions

Conversions Part 1

Format	Color
Hex	AFEAD6
RGB	175, 234, 214
RGB Percent	69%, 92%, 84%
CMY	0.3139, 0.0822, 0.1609
CMYK	0.25, 0.00, 0.09, 0.08
HSL	160°, 58%, 80%
HSV	160°, 25%, 92%
XYZ	59.2347, 72.8229, 74.5357
YIQ	214.0790, -28.7440, -18.7280

Conversions

Conversions Part 2

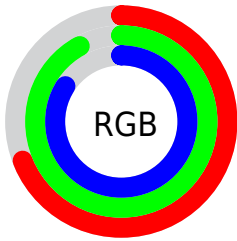
Format	Color
RYB	175, 211, 234
Decimal	11528918
CIELab	88.36, -22.75, 3.67
CIELCh	88, 23.049, 170.833
Yxy	72.8229, 0.2867, 0.3525
Android (android.graphics.Color)	4289718998 (0xFFAFEAD6)
YUV	214.0790, -0.0389, -34.2723
Hunter-Lab	85.3364, -25.4360, 7.9495

Details

The YIQ color **214.0790, -28.7440, -18.7280** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **194.9210, 28.7440, 18.7280**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.1230, -13.7080, -4.8760**, and **158.7910, -27.8730, -17.9930** is the 20% darker color. If you saturate the color by 10%, you get **206.2900, -39.8840, -26.0920**, and if you desaturate by 10%, it is **221.8680, -17.6040, -11.3640**.

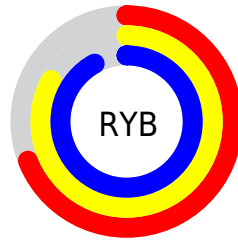
Distribution



Red (69%)

Green (92%)

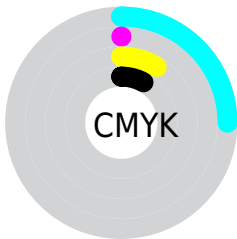
Blue (84%)



Red (69%)

Yellow (83%)

Blue (92%)

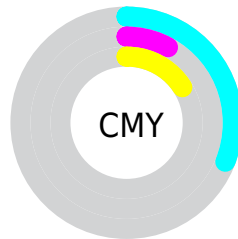


Cyan (25%)

Magenta (0%)

Yellow (9%)

Black (8%)



Cyan (31%)

Magenta (8%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.0790, -28.7440, -18.7280 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 214.0790, -28.7440, -18.7280 by changing the saturation by 10% instead.

■ 214.0790,
-28.7440, -18.7280

■ 214.0790,
-28.7440, -18.7280

255.0000, -0.0000,
-0.0000

■ 186.3780,
-28.1480, -18.5160

■ 247.8240,
-14.3040, -5.0880

■ 158.7910,
-27.8730, -17.9930

■ 132.2040,
-27.5980, -17.4700

■ 106.6170,
-27.3230, -16.9470

■ 81.4320, -28.2400,
-16.8480

■ 56.6490, -30.3490,
-17.1730

■ 35.5570, -27.0940,

-15.5900

■ 20.8360, -14.5780,
-11.1380

■ 0.0000, 0.0000,
0.0000

■ 214.0790,
-28.7440, -18.7280

■ 214.0790,
-28.7440, -18.7280

■ 206.2900,
-39.8840, -26.0920

■ 221.8680,
-17.6040, -11.3640

■ 198.2020,
-51.6200, -33.6680

■ 229.9560, -5.8680,
-3.7880

■ 190.4130,
-62.7600, -41.0320

■ 237.7450, 5.2720,
3.5760

■ 182.3250,
-74.4960, -48.6080

■ 241.6470, 8.6640,
8.1840

■ 174.5360,
-85.6360, -55.9720

■ 242.5590, 6.0960,
10.6720

■ 166.7470,
-96.7760, -63.3360

■ 242.6730, 5.7750,
10.9830

■ 158.6590,
-108.5120, -70.9120

■ 155.0280,
-114.1050, -74.1770

Harmonies

Analogous

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



216.5020, -8.0660, -19.0260



214.0790, -28.7440, -18.7280



212.9990, -42.9580, -14.4300

Triad

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



214.0790, -28.7440, -18.7280



221.9190, -12.4730, 11.2950



221.6480, 33.2860, 2.4860

Complementary

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



214.0790, -28.7440, -18.7280



194.9210, 28.7440, 18.7280

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.



221.3520, 28.6080, 10.1760



214.0790, -28.7440, -18.7280



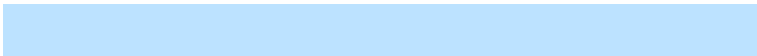
225.3130, 7.1490, 19.1250

Square

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



214.0790, -28.7440, -18.7280



217.9440, -31.9570, 0.9630



223.8600, 21.5460, 17.0180



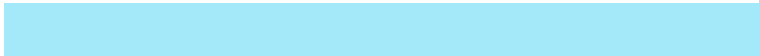
221.6270, 28.6110, -6.4050

Rectangle

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



214.0790, -28.7440, -18.7280



214.3070, -46.5810, -9.3410



223.8600, 21.5460, 17.0180



221.0440, 32.2310, 5.0870

Sweetspot

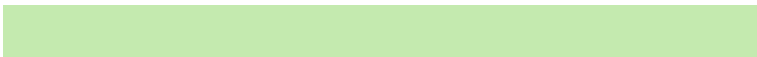
The Sweet Spot groups the original color and five complimentary colors.



214.0790, -28.7440, -18.7280



248.2220, -9.6730, -6.4170



215.9120, -3.7090, -26.4050



123.5430, -6.1430, -4.3110



0.0000, 0.0000, 0.0000



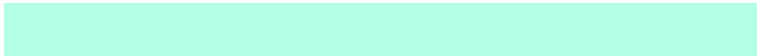
128.0000, -0.0000, -0.0000

Same Dimension

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



214.0790, -28.7440, -18.7280



229.3120, -36.9500, -24.1980



211.0760, -32.6890, -7.8010



113.2550, -5.2720, -3.5760



119.9270, -88.2950, -57.3430



35.6880, -26.0850, -17.3570

Inverse Universe

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



194.9210, 28.7440, 18.7280



204.5740, 37.2710, 23.8870



197.9240, 32.6890, 7.8010



109.7450, 5.2720, 3.5760



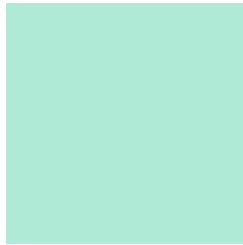
61.0730, 88.2950, 57.3430



18.1980, 26.4060, 17.0460

Previews

White Background



This preview shows how the YIQ color 214.0790, -28.7440, -18.7280 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 214.0790, -28.7440, -18.7280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

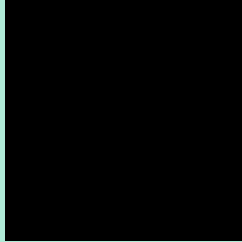
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

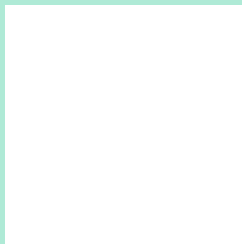
Any Text WCAG AAA ✓ Pass

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

YIQ 214.0790, -28.7440, -18.7280 Background



This preview shows how black text looks on a background with the YIQ color 214.0790, -28.7440, -18.7280.



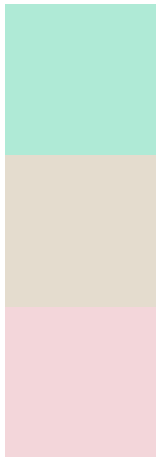
This preview shows how white text looks on a background with the YIQ color 214.0790, -28.7440, -18.7280.

-18.7280.

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

214.0790, -28.7440, -18.7280

Protanopia

220.7960, 9.2620, -2.6580

Deuteranopia

223.1270, 16.0000, 7.3920



Tritanopia

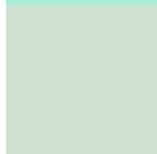
216.9990, -33.7900, -4.3660

Trichromacy



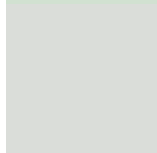
Original Color

214.0790, -28.7440, -18.7280



Protanomaly

218.3920, -4.4000, -8.3680



Deuteranomaly

219.6470, -0.5040, -1.8800



Tritanomaly

215.9080, -32.2760, -9.7800

Monochromacy



Original Color

214.0790, -28.7440, -18.7280



Achromatopsia

214.0000, -0.0000, 0.0000



Achromatomaly

213.9230, -10.2690, -6.6290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.0790, -28.7440, -18.7280 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(175, 234, 214)` looks like.

```
.text, #text, p{  
    color:rgb(175, 234, 214)  
}
```

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(175, 234, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 234, 214) }
```

Border

The CSS property to change the border of an element to YIQ 214.0790, -28.7440, -18.7280 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(175, 234, 214) }
```


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

```
.border{ border-color:rgb(175, 234, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 234, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 234, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 234, 214);  
box-shadow:4px 4px 4px 4px rgb(175, 234,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 214.0790, -28.7440, -18.7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 234, 214) }
```

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

```
.background{ background-color: rgb(175,  
234, 214) }
```

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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