

Converting Colors

YIQ(214.2950, -29.1120,
-12.0560)

Have a look what the booklet for
YIQ(214.2950, -29.1120, -12.0560)
contains.

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Color

**YIQ(214.2950, -29.1120,
-12.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E6E2
RGB	179, 230, 226
RGB Percent	70%, 90%, 89%
CMY	0.2982, 0.0979, 0.1138
CMYK	0.22, 0.00, 0.02, 0.10
HSL	175°, 51%, 80%
HSV	175°, 22%, 90%
XYZ	60.6094, 71.6749, 82.5711
YIQ	214.2950, -29.1120, -12.0560

Conversions

Conversions Part 2

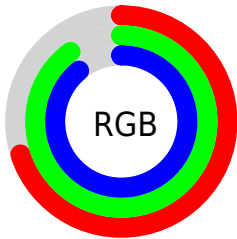
Format	Color
RYB	179, 206, 230
Decimal	11790050
CIELab	87.81, -17.10, -3.40
CIElCh	88, 17.434, 191.238
Yxy	71.6749, 0.2821, 0.3336
Android (android.graphics.Color)	4289980130 (0xFFB3E6E2)
YUV	214.2950, 5.7706, -30.9537
Hunter-Lab	84.6610, -20.3674, 1.4364

Details

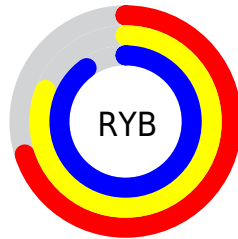
The YIQ color $214.2950, -29.1120, -12.0560$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $194.7050, 29.1120, 12.0560$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3190, -11.3240, -4.0280$, and $159.0070, -28.2410, -11.3210$ is the 20% darker color. If you saturate the color by 10%, you get $207.1900, -42.1780, -17.5540$, and if you desaturate by 10%, it is $221.4000, -16.0460, -6.5580$.

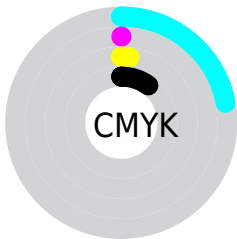
Distribution



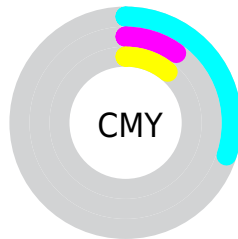
- Red (70%)
- Green (90%)
- Blue (89%)



- Red (70%)
- Yellow (81%)
- Blue (90%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.2950, -29.1120, -12.0560 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 214.2950, -29.1120, -12.0560 by changing the saturation by 10% instead.

■ 214.2950,
-29.1120, -12.0560

■ 214.2950,
-29.1120, -12.0560

■ 255.0000, -0.0000,
-0.0000

■ 186.5940,
-28.5160, -11.8440

■ 249.3190,
-11.3240, -4.0280

■ 159.0070,
-28.2410, -11.3210

■ 132.8930,
-27.9200, -11.6320

■ 107.3060,
-27.6450, -11.1090

■ 82.3060, -27.6450,
-11.1090

■ 57.7080, -28.8370,
-11.5330

■ 34.8220, -29.1580,

-11.2220

■ 20.6880, -16.9170,
-7.2930

■ 0.0000, 0.0000,
0.0000

■ 214.2950,
-29.1120, -12.0560

■ 214.2950,
-29.1120, -12.0560

■ 207.1900,
-42.1780, -17.5540

■ 221.4000,
-16.0460, -6.5580

■ 200.0850,
-55.2440, -23.0520

■ 228.5050, -2.9800,
-1.0600

■ 192.9800,
-68.3100, -28.5500

■ 235.4960, 10.4070,
4.1270

■ 185.9890,
-81.6970, -33.7370

■ 237.8170, 13.9370,
6.2330

■ 178.8840,
-94.7630, -39.2350

■ 238.0450, 13.2950,
6.8550

■ 171.7790,
-107.8290, -44.7330

■ 238.2730, 12.6530,
7.4770

■ 164.6740,
-120.8950, -50.2310

■ 238.5010, 12.0110,
8.0990

■ 159.1780,
-131.3020, -54.3580

■ 238.7290, 11.3690,
8.7210

■ 238.8430, 11.0480,
9.0320

Harmonies

Analogous

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



215.0590, -16.8240, -14.4880



214.2950, -29.1120, -12.0560



215.4180, -33.6520, -6.8680

Triad

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



214.2950, -29.1120, -12.0560



222.6170, 0.1810, 13.2450



220.9950, 24.7590, -2.6730

Complementary

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



214.2950, -29.1120, -12.0560



194.7050, 29.1120, 12.0560

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.



222.4890, 29.4800, 5.3840



214.2950, -29.1120, -12.0560



223.4570, 15.3110, 14.3750

Square

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



214.2950, -29.1120, -12.0560



220.0710, -15.9570, 8.3550



223.3240, 25.8110, 11.3070



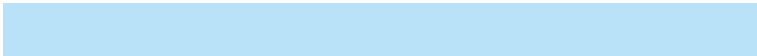
219.0320, 14.1690, -8.9910

Rectangle

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



214.2950, -29.1120, -12.0560



216.3630, -31.8190, -1.5390



223.3240, 25.8110, 11.3070



221.6580, 27.3260, 0.3660

Sweetspot

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



214.2950, -29.1120, -12.0560



249.5040, -10.4070, -4.1270



210.1330, -11.6410, -25.8250



124.5970, -6.2350, -2.6430



0.0000, 0.0000, 0.0000



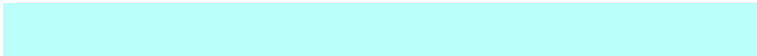
128.0000, -0.0000, -0.0000

Same Dimension

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



214.2950, -29.1120, -12.0560



233.7990, -39.5190, -16.1830



202.4240, -24.6210, 0.1710



111.2980, -6.8310, -2.8550



123.7690, -101.8690, -42.6130



35.2950, -29.1120, -12.0560

Inverse Universe

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



194.7050, 29.1120, 12.0560



207.3150, 39.1980, 16.4940



206.5760, 24.6210, -0.1710



106.7020, 6.8310, 2.8550



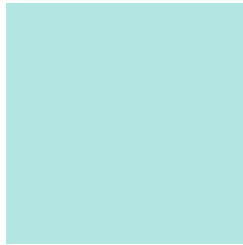
55.1170, 102.1900, 42.3020



15.7050, 29.1120, 12.0560

Previews

White Background



This preview shows how the YIQ color 214.2950, -29.1120, -12.0560 looks on a white background.

Color Contrast Check

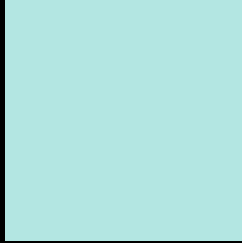
Large Text (above 18pt) WCAG AA × Fail

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 214.2950, -29.1120, -12.0560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

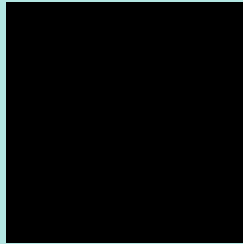
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

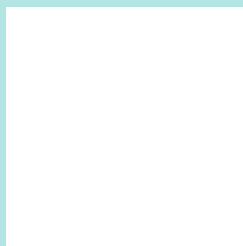
Any Text WCAG AAA ✓ Pass

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

YIQ 214.2950, -29.1120, -12.0560 Background



This preview shows how black text looks on a background with the YIQ color 214.2950, -29.1120, -12.0560.



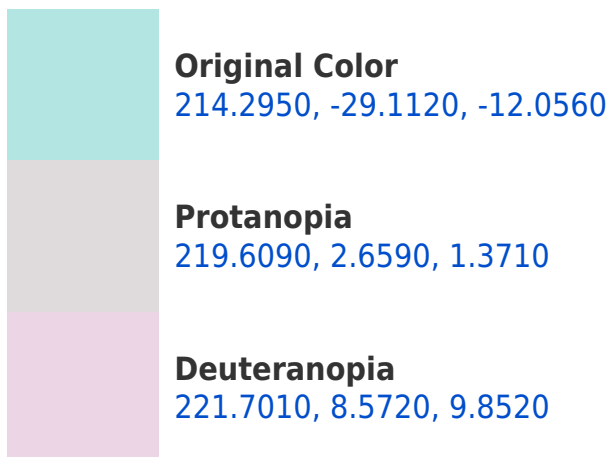
This preview shows how white text looks on a background with the YIQ color 214.2950, -29.1120, -12.0560.

-12.0560.

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

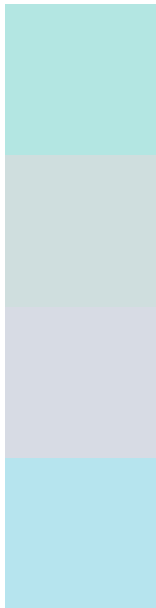




Tritanopia

215.8960, -32.0020, -3.7300

Trichromacy



Original Color

214.2950, -29.1120, -12.0560

Protanomaly

217.5150, -8.9400, -3.1800

Deuteranomaly

218.8300, -5.2730, 1.9510

Tritanomaly

215.3860, -30.6260, -6.6420

Monochromacy



Original Color

214.2950, -29.1120, -12.0560

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.0910, -10.6820, -4.6500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.2950, -29.1120, -12.0560 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(179, 230, 226)` looks like.

```
.text, #text, p{  
    color:rgb(179, 230, 226)  
}
```

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(179, 230, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 230, 226) }
```

Border

The CSS property to change the border of an element to YIQ 214.2950, -29.1120, -12.0560 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(179, 230, 226) }
```


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

```
.border{ border-color:rgb(179, 230, 226) }
```

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

Here you see how a box with a 4 pixel rgb(179, 230, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 230, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 230, 226);  
box-shadow:4px 4px 4px 4px rgb(179, 230,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 214.2950, -29.1120, -12.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 230, 226) }
```

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

```
.background{ background-color: rgb(179,  
230, 226) }
```

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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