

Converting Colors

YIQ(214.2060, -29.9390,
-2.5710)

Have a look what the booklet for
YIQ(214.2060, -29.9390, -2.5710)
contains.

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Color

**YIQ(214.2060, -29.9390,
-2.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E0F3
RGB	184, 224, 243
RGB Percent	72%, 88%, 95%
CMY	0.2785, 0.1215, 0.0472
CMYK	0.24, 0.08, 0.00, 0.05
HSL	199°, 71%, 84%
HSV	199°, 24%, 95%
XYZ	62.5948, 69.9771, 94.9749
YIQ	214.2060, -29.9390, -2.5710

Conversions

Conversions Part 2

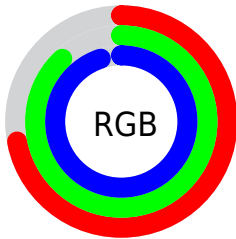
Format	Color
RYB	184, 208, 243
Decimal	12116211
CIELab	86.99, -8.89, -13.53
CIELCh	87, 16.191, 236.698
Yxy	69.9771, 0.2751, 0.3075
Android (android.graphics.Color)	4290306291 (0xFFB8E0F3)
YUV	214.2060, 14.1954, -26.4907
Hunter-Lab	83.6523, -12.8248, -8.7584

Details

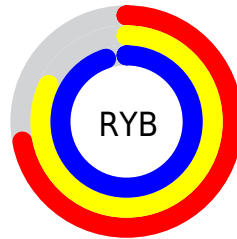
The YIQ color $214.2060, -29.9390, -2.5710$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $212.7940, 29.9390, 2.5710$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8140, -8.3440, -2.9680$, and $159.3910, -29.0220, -2.6700$ is the 20% darker color. If you saturate the color by 10%, you get $202.3340, -42.0430, -3.4750$, and if you desaturate by 10%, it is $226.0780, -17.8350, -1.6670$.

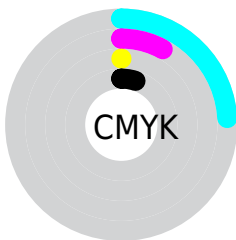
Distribution



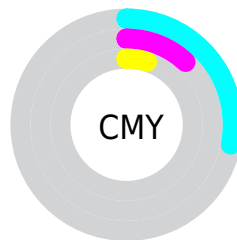
- Red (72%)
- Green (88%)
- Blue (95%)



- Red (72%)
- Yellow (82%)
- Blue (95%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (28%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.2060, -29.9390, -2.5710 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 214.2060, -29.9390, -2.5710 by changing the saturation by 10% instead.

■ 214.2060,
-29.9390, -2.5710

■ 214.2060,
-29.9390, -2.5710

■ 255.0000, -0.0000,
-0.0000

■ 186.5050,
-29.3430, -2.3590

■ 250.8140, -8.3440,
-2.9680

■ 159.3910,
-29.0220, -2.6700

■ 132.6900,
-28.4260, -2.4580

■ 107.2770,
-28.7010, -2.9810

■ 82.1630, -28.3800,
-3.2920

■ 58.4510, -29.2510,
-4.0270

■ 33.9560, -32.2310,

-5.0870

■ 19.7080, -19.6690,
-1.4690

■ 2.6390, -6.0530,
5.0750

■ 214.2060,
-29.9390, -2.5710

■ 214.2060,
-29.9390, -2.5710

■ 202.3340,
-42.0430, -3.4750

■ 226.0780,
-17.8350, -1.6670

■ 190.1630,
-54.7430, -4.5910

■ 238.2490, -5.1350,
-0.5510

■ 178.8780,
-67.1220, -6.0180

■ 248.9360, 6.0520,
0.4520

■ 167.0060,
-79.2260, -6.9220

■ 253.6320, 3.8520,
-3.7320

■ 154.8350,
-91.9260, -8.0380

■ 142.9630,
-104.0300, -8.9420

■ 131.0910,
-116.1340, -9.8460

■ 124.5570,
-123.3780, -10.7220

Harmonies

Analogous

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



212.8050, -30.4880, -9.1440



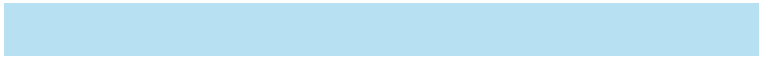
214.2060, -29.9390, -2.5710



216.9130, -21.5040, 4.2560

Triad

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



214.2060, -29.9390, -2.5710



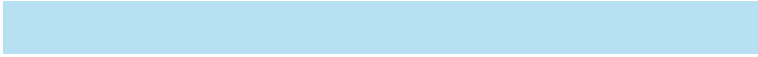
220.7410, 20.2630, 12.7350



215.6720, 6.3750, -10.9130

Complementary

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



214.2060, -29.9390, -2.5710



212.7940, 29.9390, 2.5710

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.



217.4780, 18.8450, -5.6270



214.2060, -29.9390, -2.5710



220.5150, 26.5910, 8.1830

Square

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



214.2060, -29.9390, -2.5710



220.9230, 8.0670, 13.4990



219.1140, 26.0420, 1.6100



214.1910, -8.3880, -13.1880

Rectangle

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



214.2060, -29.9390, -2.5710



218.3380, -12.3350, 8.7930



219.1140, 26.0420, 1.6100



216.6510, 10.8680, -9.7400

Sweetspot

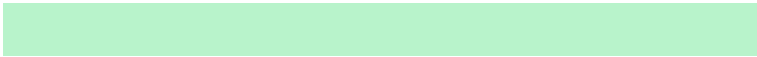
The Sweet Spot groups the original color and five complimentary colors.



214.2060, -29.9390, -2.5710



246.0960, -9.0780, -0.6780



220.7990, -22.3240, -24.9480



122.3630, -5.4560, -0.2400



0.0000, 0.0000, 0.0000



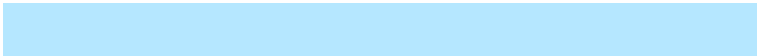
128.0000, -0.0000, -0.0000

Same Dimension

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



214.2060, -29.9390, -2.5710



218.7860, -37.5040, -3.1360



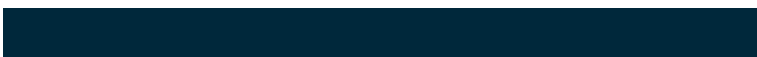
197.1830, -21.9640, 12.5960



116.0640, -6.0520, -0.4520



95.1660, -94.3560, -8.0520



30.2060, -29.9390, -2.5710

Inverse Universe

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



206.2010, 22.3240, 24.9480



208.8260, 28.0540, 31.2380



229.8170, 21.9640, -12.5960



114.5000, 4.5840, 5.0320



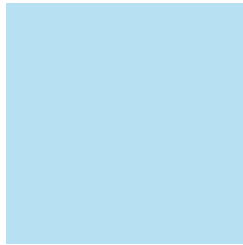
69.9780, 70.4100, 78.6180



22.2010, 22.3240, 24.9480

Previews

White Background



This preview shows how the YIQ color 214.2060, -29.9390, -2.5710 looks on a white background.

Color Contrast Check

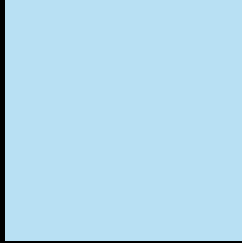
Large Text (above 18pt) WCAG AA × Fail

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 214.2060, -29.9390, -2.5710 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 214.2060, -29.9390, -2.5710

Background



This preview shows how black text looks on a background with the YIQ color 214.2060, -29.9390, -2.5710.



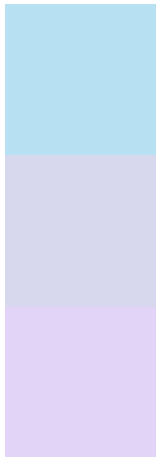
This preview shows how white text looks on a background with the YIQ color 214.2060, -29.9390, -2.5710.

-2.5710.

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

214.2060, -29.9390, -2.5710

Protanopia

218.2090, -7.6580, 6.6300

Deuteranopia

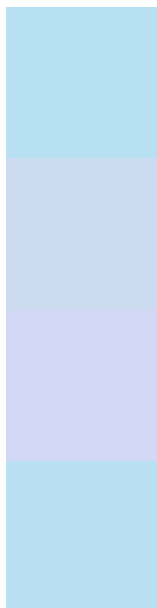
219.7630, -3.1660, 13.3300



Tritanopia

214.0920, -29.6180, -2.8820

Trichromacy



Original Color

214.2060, -29.9390, -2.5710

Protanomaly

216.9090, -15.6810, 3.3510

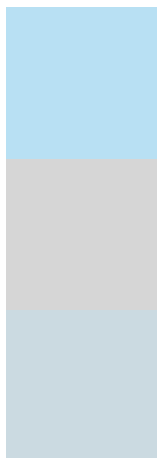
Deuteranomaly

217.5120, -12.8850, 7.7470

Tritanomaly

214.0920, -29.6180, -2.8820

Monochromacy



Original Color

214.2060, -29.9390, -2.5710

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.3130, -11.1870, -1.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.2060, -29.9390, -2.5710 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(184, 224, 243)` looks like.

```
.text, #text, p{  
    color:rgb(184, 224, 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(184, 224, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 224, 243) }
```

Border

The CSS property to change the border of an element to YIQ 214.2060, -29.9390, -2.5710 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(184, 224, 243) }
```


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

```
.border{ border-color:rgb(184, 224, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 224, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 224, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 224, 243);  
box-shadow:4px 4px 4px 4px rgb(184, 224,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 214.2060, -29.9390, -2.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 224, 243) }
```

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

```
.background{ background-color: rgb(184,  
224, 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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