

Converting Colors

YIQ(214.6240, -28.0600, 1.9240)

Have a look what the booklet for
YIQ(214.6240, -28.0600, 1.9240)
contains.

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Color

**YIQ(214.6240, -28.0600,
1.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDDF9
RGB	189, 221, 249
RGB Percent	74%, 87%, 98%
CMY	0.2589, 0.1333, 0.0237
CMYK	0.24, 0.11, 0.00, 0.02
HSL	208°, 83%, 86%
HSV	208°, 24%, 98%
XYZ	63.9362, 69.3744, 99.6156
YIQ	214.6240, -28.0600, 1.9240

Conversions

Conversions Part 2

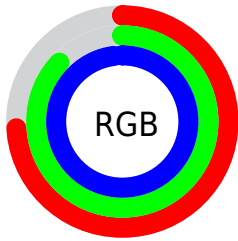
Format	Color
R_{YB}	189, 210, 249
Decimal	12443129
CIE _{Lab}	86.69, -4.53, -17.11
CIE _{LCh}	87, 17.695, 255.180
Yxy	69.3744, 0.2745, 0.2978
Android (android.graphics.Color)	4290633209 (0xFFBDDDF9)
YUV	214.6240, 16.9474, -22.4722
Hunter-Lab	83.2913, -8.7394, -12.6064

Details

The YIQ color $214.6240, -28.0600, 1.9240$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $223.3760, 28.0600, -1.9240$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3090, -5.3640, -1.9080$, and $159.8090, -27.1430, 1.8250$ is the 20% darker color. If you saturate the color by 10%, you get $200.1050, -39.6600, 2.9000$, and if you desaturate by 10%, it is $229.1430, -16.4600, 0.9480$.

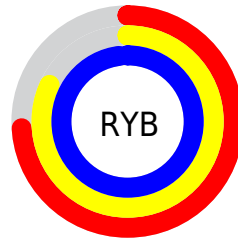
Distribution



Red (74%)

Green (87%)

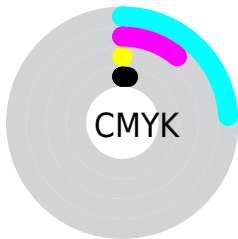
Blue (98%)



Red (74%)

Yellow (82%)

Blue (98%)

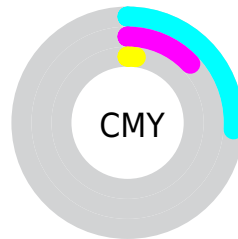


Cyan (24%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.6240, -28.0600, 1.9240 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 214.6240, -28.0600, 1.9240 by changing the saturation by 10% instead.

■ 214.6240,
-28.0600, 1.9240

■ 214.6240,
-28.0600, 1.9240

■ 255.0000, -0.0000,
-0.0000

■ 186.5100,
-27.7390, 1.6130

■ 252.3090, -5.3640,
-1.9080

■ 159.8090,
-27.1430, 1.8250

■ 133.2820,
-27.0970, 0.9910

■ 107.5810,
-26.5010, 1.2030

■ 83.0540, -26.4550,
0.3690

■ 58.7550, -27.0510,
0.1570

■ 34.4340, -30.5810,

-1.9490

■ 18.9900, -20.4030,
0.8210

■ 3.2090, -7.6580,
6.6300

■ 214.6240,
-28.0600, 1.9240

■ 214.6240,
-28.0600, 1.9240

■ 200.1050,
-39.6600, 2.9000

■ 229.1430,
-16.4600, 0.9480

■ 186.1730,
-51.5350, 3.3530

■ 243.0750, -4.5850,
0.4950

■ 171.6540,
-63.1350, 4.3290

■ 254.3160, 1.9260,
-1.8660

■ 157.7220,
-75.0100, 4.7820

■ 143.5020,
-86.0140, 5.9700

■ 128.9830,
-97.6140, 6.9460

■ 115.0510,
-109.4890, 7.3990

■ 106.4570,
-116.5040, 7.8800

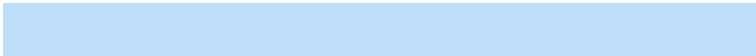
Harmonies

Analogous

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



212.0590, -34.0190, -5.7230



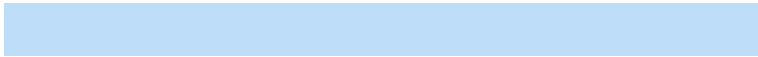
214.6240, -28.0600, 1.9240



217.9680, -14.1690, 8.9910

Triad

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



214.6240, -28.0600, 1.9240



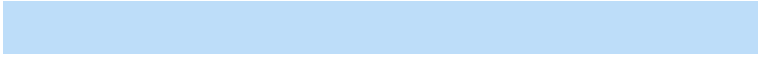
220.3950, 27.0490, 10.8970



213.3010, -2.8860, -13.7820

Complementary

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



214.6240, -28.0600, 1.9240



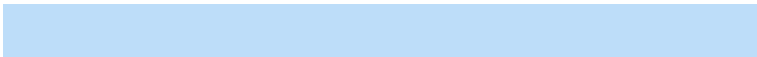
223.3760, 28.0600, -1.9240

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.



215.7220, 12.1060, -10.1500



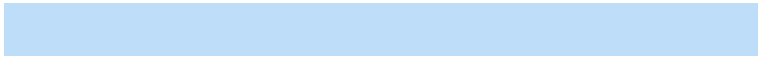
214.6240, -28.0600, 1.9240



218.9620, 29.5260, 4.5500

Square

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



214.6240, -28.0600, 1.9240



220.2400, 17.4200, 14.7000



217.2830, 23.8880, -3.4080



211.6890, -18.6580, -14.2900

Rectangle

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



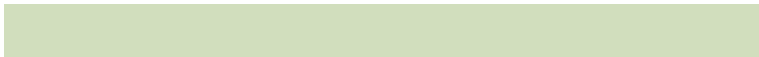
214.6240, -28.0600, 1.9240



219.2360, -3.1200, 12.4960



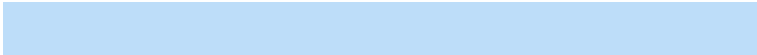
217.2830, 23.8880, -3.4080



214.3510, 2.8450, -13.0190

Sweetspot

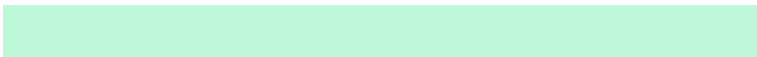
The Sweet Spot groups the original color and five complimentary colors.



214.6240, -28.0600, 1.9240



244.9220, -8.5280, 0.3680



227.2980, -25.1670, -22.9830



121.7760, -5.1810, 0.2830



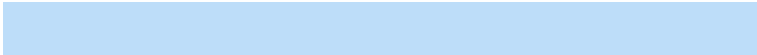
0.0000, 0.0000, 0.0000



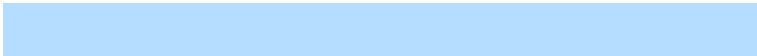
128.0000, -0.0000, -0.0000

Same Dimension

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



214.6240, -28.0600, 1.9240



212.9160, -34.7540, 2.0940



197.6010, -20.0850, 17.0910



117.5910, -6.0980, 0.3820



80.8330, -88.4440, 5.9560



26.3250, -28.6560, 1.7120

Inverse Universe

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



210.5880, 25.4880, 22.6720



207.6860, 31.2640, 28.1280



240.3990, 20.0850, -17.0910



116.6850, 5.5010, 4.9330



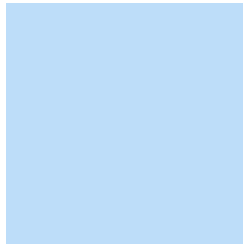
68.0250, 80.2230, 71.4790



22.0010, 25.7630, 23.1950

Previews

White Background



This preview shows how the YIQ color 214.6240, -28.0600, 1.9240 looks on a white background.

Color Contrast Check

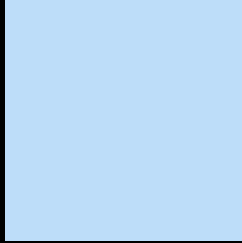
Large Text (above 18pt) WCAG AA × Fail

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 214.6240, -28.0600, 1.9240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

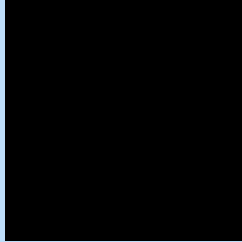
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

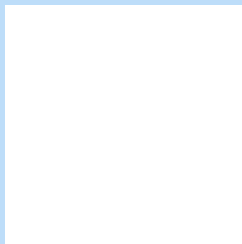
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 214.6240, -28.0600, 1.9240

Background



This preview shows how black text looks on a background with the YIQ color 214.6240, -28.0600, 1.9240.



This preview shows how white text looks on a background with the YIQ color 214.6240, -28.0600,

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

214.6240, -28.0600, 1.9240

Protanopia

217.5230, -11.4180, 8.6940

Deuteranopia

218.5500, -6.8800, 14.5600



Tritanopia

213.5870, -26.6380, -1.8220

Trichromacy



Original Color

214.6240, -28.0600, 1.9240

Protanomaly

216.4190, -17.0570, 6.2630

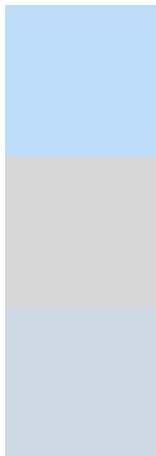
Deuteranomaly

217.1960, -14.8110, 9.6130

Tritanomaly

214.2280, -27.0050, -0.6770

Monochromacy



Original Color

214.6240, -28.0600, 1.9240

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.8510, -9.7660, 0.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.6240, -28.0600, 1.9240 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(189, 221, 249)` looks like.

```
.text, #text, p{  
    color:rgb(189, 221, 249)  
}
```

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(189, 221, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 221, 249) }
```

Border

The CSS property to change the border of an element to YIQ 214.6240, -28.0600, 1.9240 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(189, 221, 249) }
```


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

```
.border{ border-color:rgb(189, 221, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 221, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 221, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 221, 249);  
box-shadow:4px 4px 4px 4px rgb(189, 221,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 214.6240, -28.0600, 1.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 221, 249) }
```

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

```
.background{ background-color: rgb(189,  
221, 249) }
```

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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