

Converting Colors

YIQ(216.5820, -28.2420,
-5.7940)

Have a look what the booklet for
YIQ(216.5820, -28.2420, -5.7940)
contains.

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Color

**YIQ(216.5820, -28.2420,
-5.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE4EE
RGB	186, 228, 238
RGB Percent	73%, 89%, 93%
CMY	0.2707, 0.1058, 0.0668
CMYK	0.22, 0.04, 0.00, 0.07
HSL	191°, 60%, 83%
HSV	191°, 22%, 93%
XYZ	63.4203, 72.1039, 91.4402
YIQ	216.5820, -28.2420, -5.7940

Conversions

Conversions Part 2

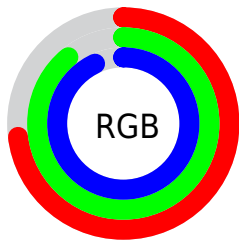
Format	Color
R _Y B	186, 209, 238
Decimal	12248302
CIE Lab	88.02, -11.44, -9.35
CIE LCh	88, 14.774, 219.266
Yxy	72.1039, 0.2794, 0.3177
Android (android.graphics.Color)	4290438382 (0xFFBAE4EE)
YUV	216.5820, 10.5591, -26.8204
Hunter-Lab	84.9140, -15.2821, -4.4070

Details

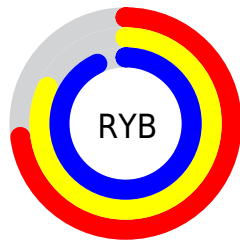
The YIQ color **216.5820, -28.2420, -5.7940** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **207.4180, 28.2420, 5.7940**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4120, -7.1520, -2.5440**, and **161.7670, -27.3250, -5.8930** is the 20% darker color. If you saturate the color by 10%, you get **206.4710, -41.1710, -8.2670**, and if you desaturate by 10%, it is **226.6930, -15.3130, -3.3210**.

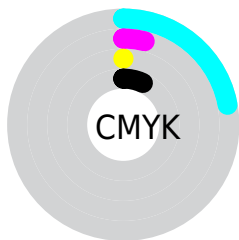
Distribution



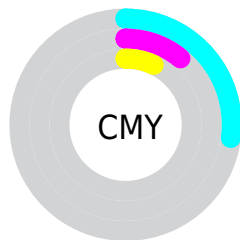
- Red (73%)
- Green (89%)
- Blue (93%)



- Red (73%)
- Yellow (82%)
- Blue (93%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (27%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.5820, -28.2420, -5.7940 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 216.5820, -28.2420, -5.7940 by changing the saturation by 10% instead.

■ 216.5820,
-28.2420, -5.7940

■ 216.5820,
-28.2420, -5.7940

■ 255.0000, -0.0000,
-0.0000

■ 188.8810,
-27.6460, -5.5820

■ 251.4120, -7.1520,
-2.5440

■ 161.7670,
-27.3250, -5.8930

■ 135.0660,
-26.7290, -5.6810

■ 109.0660,
-26.7290, -5.6810

■ 84.3650, -26.1330,
-5.4690

■ 60.6530, -27.0040,
-6.2040

■ 36.1580, -29.9840,

-7.2640

■ 20.5400, -19.2560,
-3.4480

■ 2.1830, -4.7690,
3.8310

■ 216.5820,
-28.2420, -5.7940

■ 216.5820,
-28.2420, -5.7940

■ 206.4710,
-41.1710, -8.2670

■ 226.6930,
-15.3130, -3.3210

■ 196.9470,
-54.3750, -11.2630

■ 236.2170, -2.1090,
-0.3250

■ 187.1350,
-66.7080, -13.5240

■ 245.4310, 9.0320,
1.5120

■ 177.6110,
-79.9120, -16.5200

■ 247.7790, 7.9320,
-0.5800

■ 167.5000,
-92.8410, -18.9930

■ 250.7140, 6.5570,
-3.1950

■ 157.9760,
-106.0450, -21.9890

■ 253.0620, 5.4570,
-5.2870

■ 147.8650,
-118.9740, -24.4620

■ 139.8360,
-129.1980, -26.3980

Harmonies

Analogous

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



215.9860, -23.7480, -10.1480



216.5820, -28.2420, -5.7940



218.5380, -24.9420, 0.4820

Triad

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



216.5820, -28.2420, -5.7940



223.4350, 12.3770, 12.4810



219.9010, 13.1600, -7.2240

Complementary

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



216.5820, -28.2420, -5.7940



207.4180, 28.2420, 5.7940

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.



221.6680, 21.3660, -1.7540



216.5820, -28.2420, -5.7940



223.3450, 21.3180, 10.1340

Square

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



216.5820, -28.2420, -5.7940



222.9650, -0.9190, 11.1530



223.0370, 24.9410, 5.0450



218.1490, 0.5980, -10.8420

Rectangle

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



216.5820, -28.2420, -5.7940



219.9950, -18.7990, 4.7930



223.0370, 24.9410, 5.0450



220.8090, 16.4150, -5.6410

Sweetspot

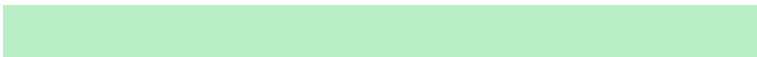
The Sweet Spot groups the original color and five complimentary colors.



216.5820, -28.2420, -5.7940



247.8570, -9.9030, -2.2470



217.6640, -17.5100, -24.0860



123.5370, -6.0060, -1.2860



0.0000, 0.0000, 0.0000



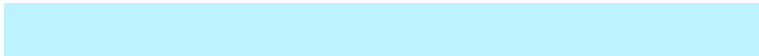
128.0000, -0.0000, -0.0000

Same Dimension

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



216.5820, -28.2420, -5.7940



227.6350, -35.7610, -7.1930



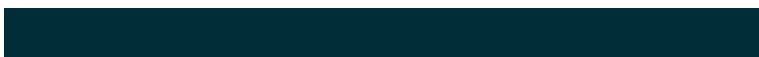
201.3200, -21.0920, 7.8040



115.2380, -6.6020, -1.4980



107.8520, -99.7640, -20.1800



32.7990, -30.3510, -6.1190

Inverse Universe

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



206.3360, 17.5100, 24.0860



214.7760, 22.3230, 30.4750



222.6800, 21.0920, -7.8040



112.7280, 3.9420, 5.6540



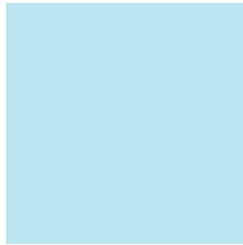
71.8880, 62.1560, 85.0360



21.8740, 18.9310, 25.8670

Previews

White Background



This preview shows how the YIQ color 216.5820, -28.2420, -5.7940 looks on a white background.

Color Contrast Check

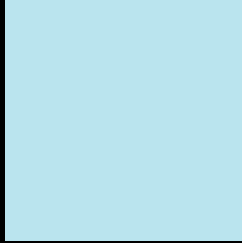
Large Text (above 18pt) WCAG AA × Fail

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 216.5820, -28.2420, -5.7940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

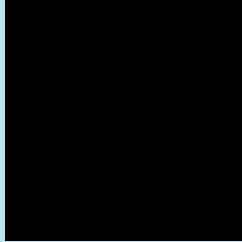
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.5820, -28.2420, -5.7940

Background



This preview shows how black text looks on a background with the YIQ color 216.5820, -28.2420, -5.7940.



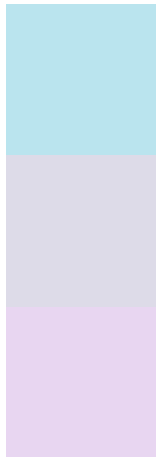
This preview shows how white text looks on a background with the YIQ color 216.5820, -28.2420, -5.7940.

-5.7940.

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

216.5820, -28.2420, -5.7940

Protanopia

221.0800, -2.9810, 4.4670

Deuteranopia

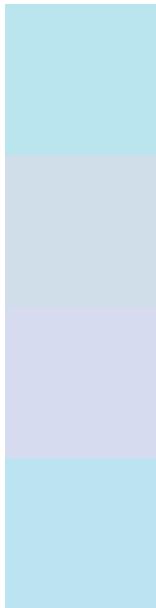
222.4600, 2.0610, 12.2130



Tritanopia

217.0920, -29.6180, -2.8820

Trichromacy



Original Color

216.5820, -28.2420, -5.7940

Protanomaly

219.1820, -12.1960, 0.7640

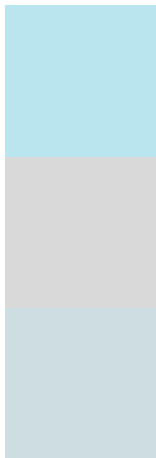
Deuteranomaly

220.1980, -9.1250, 5.6830

Tritanomaly

216.7500, -28.6550, -3.8150

Monochromacy



Original Color

216.5820, -28.2420, -5.7940

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.9710, -10.2240, -1.9360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.5820, -28.2420, -5.7940 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(186, 228, 238)` looks like.

```
.text, #text, p{  
    color:rgb(186, 228, 238)  
}
```

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(186, 228, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 228, 238) }
```

Border

The CSS property to change the border of an element to YIQ 216.5820, -28.2420, -5.7940 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(186, 228, 238) }
```


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

```
.border{ border-color:rgb(186, 228, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 228, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 228, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 228, 238);  
box-shadow:4px 4px 4px 4px rgb(186, 228,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 216.5820, -28.2420, -5.7940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 228, 238) }
```

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

```
.background{ background-color: rgb(186,  
228, 238) }
```

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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