

Converting Colors

YIQ(217.2940, -27.3710,
-5.0590)

Have a look what the booklet for
YIQ(217.2940, -27.3710, -5.0590)
contains.

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Color

**YIQ(217.2940, -27.3710,
-5.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE4EF
RGB	188, 228, 239
RGB Percent	74%, 89%, 94%
CMY	0.2628, 0.1058, 0.0629
CMYK	0.21, 0.05, 0.00, 0.06
HSL	193°, 61%, 84%
HSV	193°, 21%, 94%
XYZ	64.0571, 72.4148, 92.2395
YIQ	217.2940, -27.3710, -5.0590

Conversions

Conversions Part 2

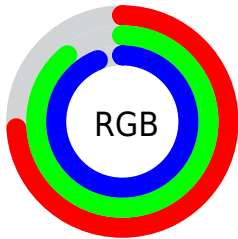
Format	Color
R_{YB}	188, 210, 239
Decimal	12379375
CIE _{Lab}	88.17, -10.62, -9.64
CIE _{LCh}	88, 14.347, 222.224
Yxy	72.4148, 0.2801, 0.3166
Android (android.graphics.Color)	4290569455 (0xFFBCE4EF)
YUV	217.2940, 10.7011, -25.6908
Hunter-Lab	85.0969, -14.5528, -4.6987

Details

The YIQ color $217.2940, -27.3710, -5.0590$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $209.7060, 27.3710, 5.0590$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0100, -5.9600, -2.1200$, and $162.4790, -26.4540, -5.1580$ is the 20% darker color. If you saturate the color by 10%, you get $207.1830, -40.3000, -7.5320$, and if you desaturate by 10%, it is $227.4050, -14.4420, -2.5860$.

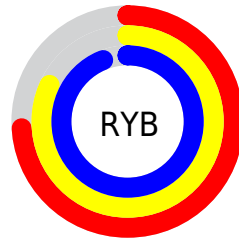
Distribution



Red (74%)

Green (89%)

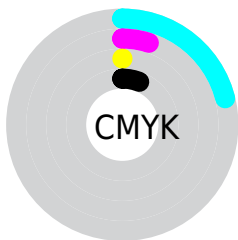
Blue (94%)



Red (74%)

Yellow (82%)

Blue (94%)

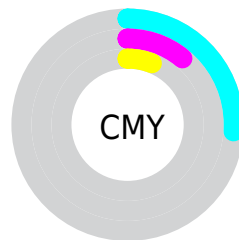


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (26%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.2940, -27.3710, -5.0590 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 217.2940, -27.3710, -5.0590 by changing the saturation by 10% instead.

■ 217.2940,
-27.3710, -5.0590

■ 217.2940,
-27.3710, -5.0590

■ 255.0000, -0.0000,
-0.0000

■ 189.5930,
-26.7750, -4.8470

■ 252.0100, -5.9600,
-2.1200

■ 162.4790,
-26.4540, -5.1580

■ 135.7780,
-25.8580, -4.9460

■ 109.7780,
-25.8580, -4.9460

■ 85.0770, -25.2620,
-4.7340

■ 61.3650, -26.1330,
-5.4690

■ 37.1690, -28.5170,

-6.3170

■ 20.5400, -19.2560,
-3.4480

■ 2.2970, -5.0900,
4.1420

■ 217.2940,
-27.3710, -5.0590

■ 217.2940,
-27.3710, -5.0590

■ 207.1830,
-40.3000, -7.5320

■ 227.4050,
-14.4420, -2.5860

■ 197.0720,
-53.2290, -10.0050

■ 237.5160, -1.5130,
-0.1130

■ 186.9610,
-66.1580, -12.4780

■ 246.1320, 8.4360,
1.3000

■ 176.2630,
-78.8120, -14.4280

■ 249.6540, 6.7860,
-1.8380

■ 166.1520,
-91.7410, -16.9010

■ 252.5890, 5.4110,
-4.4530

■ 156.3400,
-104.0740, -19.1620

■ 253.1760, 5.1360,
-4.9760

■ 146.2290,
-117.0030, -21.6350

■ 137.6020,
-128.4190, -23.9950

Harmonies

Analogous

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



216.3990, -23.4730, -9.6250



217.2940, -27.3710, -5.0590



219.4350, -23.1540, 1.1180

Triad

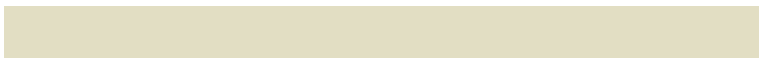
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.2940, -27.3710, -5.0590



224.2070, 13.0190, 11.8590



220.1180, 11.0510, -7.5490

Complementary

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



217.2940, -27.3710, -5.0590



209.7060, 27.3710, 5.0590

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.



222.0700, 20.1740, -2.1780



217.2940, -27.3710, -5.0590



223.8180, 21.3640, 9.3000

Square

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



217.2940, -27.3710, -5.0590



223.3350, 0.9150, 10.9550



223.2110, 24.3910, 3.9990



218.6650, -0.9150, -10.9550

Rectangle

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



217.2940, -27.3710, -5.0590



220.7780, -16.6900, 5.1180



223.2110, 24.3910, 3.9990



220.9120, 14.6270, -6.2770

Sweetspot

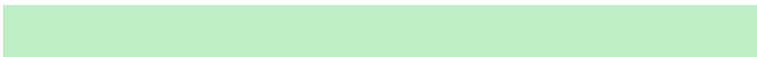
The Sweet Spot groups the original color and five complimentary colors.



217.2940, -27.3710, -5.0590



248.7540, -8.1150, -1.6110



219.0770, -17.2350, -23.5630



124.1350, -4.8140, -0.8620



0.0000, 0.0000, 0.0000



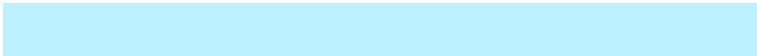
128.0000, -0.0000, -0.0000

Same Dimension

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



217.2940, -27.3710, -5.0590



227.0480, -35.4860, -6.6700



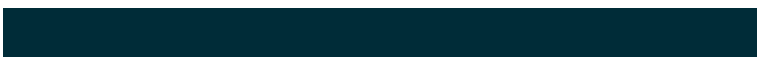
202.6190, -20.4960, 8.0160



114.6510, -6.3270, -0.9750



105.5040, -98.6640, -18.0880



32.2120, -30.0760, -5.5960

Inverse Universe

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



207.8090, 17.5560, 23.2520



214.6620, 22.6440, 30.1640



224.3810, 20.4960, -8.0160



112.6140, 4.2630, 5.3430



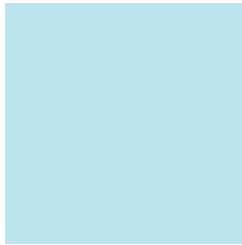
71.4320, 63.4400, 83.7920



21.7600, 19.2520, 25.5560

Previews

White Background



This preview shows how the YIQ color 217.2940, -27.3710, -5.0590 looks on a white background.

Color Contrast Check

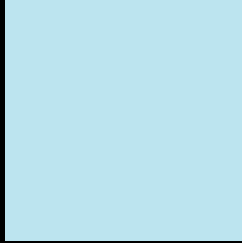
Large Text (above 18pt) WCAG AA × Fail

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 217.2940, -27.3710, -5.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

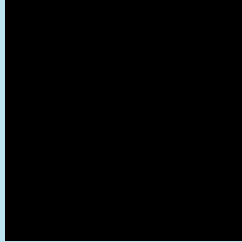
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.2940, -27.3710, -5.0590

Background



This preview shows how black text looks on a background with the YIQ color 217.2940, -27.3710, -5.0590.



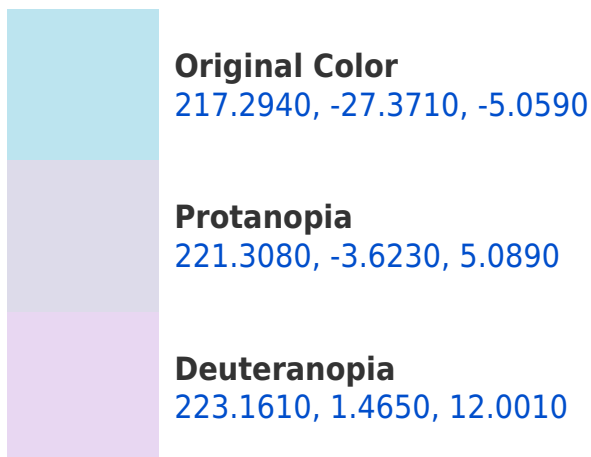
This preview shows how white text looks on a background with the YIQ color 217.2940, -27.3710, -5.0590.

-5.0590.

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

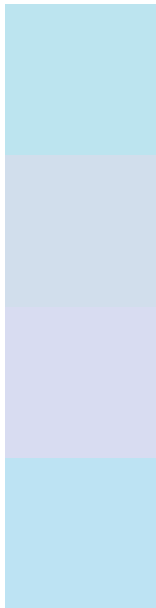




Tritanopia

217.6900, -28.4260, -2.4580

Trichromacy



Original Color

217.2940, -27.3710, -5.0590

Protanomaly

219.7090, -12.2420, 1.5980

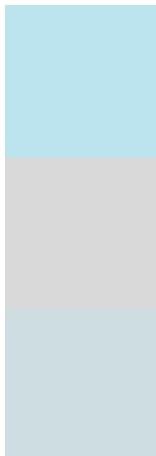
Deuteranomaly

221.1980, -9.1250, 5.6830

Tritanomaly

217.4620, -27.7840, -3.0800

Monochromacy



Original Color

217.2940, -27.3710, -5.0590

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 217.2940, -27.3710, -5.0590 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(188, 228, 239)` looks like.

```
.text, #text, p{  
    color:rgb(188, 228, 239)  
}
```

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(188, 228, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 228, 239) }
```

Border

The CSS property to change the border of an element to YIQ 217.2940, -27.3710, -5.0590 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(188, 228, 239) }
```


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

```
.border{ border-color:rgb(188, 228, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 228, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 228, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 228, 239);  
box-shadow:4px 4px 4px 4px rgb(188, 228,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 217.2940, -27.3710, -5.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 228, 239) }
```

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

```
.background{ background-color: rgb(188,  
228, 239) }
```

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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