

Converting Colors

YIQ(221.3370, -28.9300,
-4.3380)

Have a look what the booklet for
YIQ(221.3370, -28.9300, -4.3380)
contains.

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Color

**YIQ(221.3370, -28.9300,
-4.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE8F6
RGB	191, 232, 246
RGB Percent	75%, 91%, 96%
CMY	0.2511, 0.0901, 0.0354
CMYK	0.22, 0.06, 0.00, 0.04
HSL	195°, 75%, 86%
HSV	195°, 22%, 96%
XYZ	66.9713, 75.4482, 98.1962
YIQ	221.3370, -28.9300, -4.3380

Conversions

Conversions Part 2

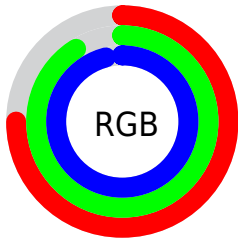
Format	Color
RYB	191, 214, 246
Decimal	12577014
CIELab	89.60, -10.26, -11.16
CIELCh	90, 15.156, 227.402
Yxy	75.4482, 0.2783, 0.3136
Android (android.graphics.Color)	4290767094 (0xFFBFE8F6)
YUV	221.3370, 12.1589, -26.6055
Hunter-Lab	86.8609, -14.3801, -6.2246

Details

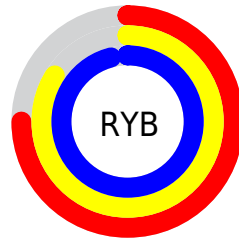
The YIQ color **221.3370, -28.9300, -4.3380** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **215.6630, 28.9300, 4.3380**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9070, -4.1720, -1.4840**, and **165.9350, -27.7380, -3.9140** is the 20% darker color. If you saturate the color by 10%, you get **210.3400, -42.1800, -6.5000**, and if you desaturate by 10%, it is **232.3340, -15.6800, -2.1760**.

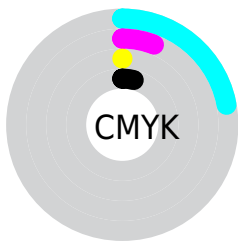
Distribution



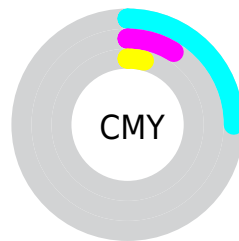
- Red (75%)
- Green (91%)
- Blue (96%)



- Red (75%)
- Yellow (84%)
- Blue (96%)



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (25%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.3370, -28.9300, -4.3380 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 221.3370, -28.9300, -4.3380 by changing the saturation by 10% instead.

■ 221.3370,
-28.9300, -4.3380

■ 221.3370,
-28.9300, -4.3380

■ 255.0000, -0.0000,
-0.0000

■ 193.2230,
-28.6090, -4.6490

■ 252.9070, -4.1720,
-1.4840

■ 165.6360,
-28.3340, -4.1260

■ 139.5220,
-28.0130, -4.4370

■ 113.7070,
-27.0960, -4.5360

■ 88.7070, -27.0960,
-4.5360

■ 64.4080, -27.6920,
-4.7480

■ 39.7990, -30.3510,

-6.1190

■ 22.8710, -21.6860,
-3.4620

■ 2.9810, -7.0160,
6.0080

■ 221.3370,
-28.9300, -4.3380

■ 221.3370,
-28.9300, -4.3380

■ 210.3400,
-42.1800, -6.5000

■ 232.3340,
-15.6800, -2.1760

■ 199.6420,
-54.8340, -8.4500

■ 243.0320, -3.0260,
-0.2260

■ 188.0580,
-67.8090, -10.0890

■ 251.6260, 3.9890,
-0.7070

■ 177.3600,
-80.4630, -12.0390

■ 253.9740, 2.8890,
-2.7990

■ 166.3630,
-93.7130, -14.2010

■ 155.3660,
-106.9630, -16.3630

■ 144.0810,
-119.3420, -17.7900

■ 136.0520,
-129.5660, -19.7260

Harmonies

Analogous

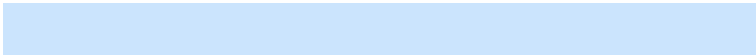
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.4310, -26.4990, -9.8510



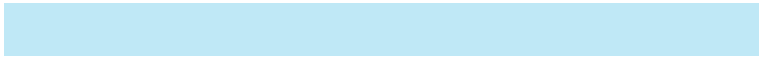
221.3370, -28.9300, -4.3380



223.3750, -22.9250, 2.4750

Triad

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



221.3370, -28.9300, -4.3380



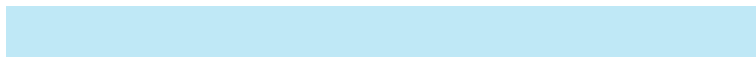
228.2890, 15.7240, 12.3960



223.9930, 9.9050, -8.8070

Complementary

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



221.3370, -28.9300, -4.3380



215.6630, 28.9300, 4.3380

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.



225.4290, 20.5410, -3.3230



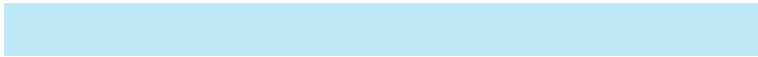
221.3370, -28.9300, -4.3380



227.7750, 22.9230, 8.5790

Square

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



221.3370, -28.9300, -4.3380



227.6450, 2.9780, 12.1140



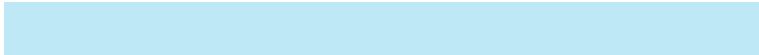
226.8690, 25.3540, 3.0660



222.0560, -3.5740, -12.3260

Rectangle

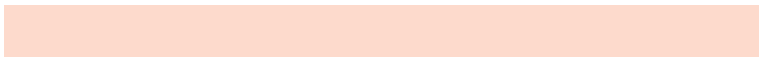
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



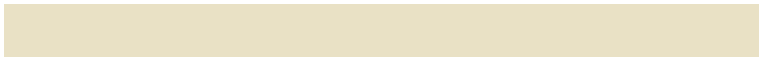
221.3370, -28.9300, -4.3380



225.0170, -15.8650, 6.6870



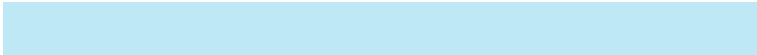
226.8690, 25.3540, 3.0660



224.2000, 13.7560, -7.0120

Sweetspot

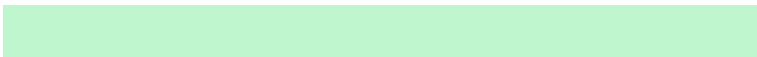
The Sweet Spot groups the original color and five complimentary colors.



221.3370, -28.9300, -4.3380



246.6830, -9.3530, -1.2010



224.8810, -19.6190, -24.4110



122.9500, -5.7310, -0.7630



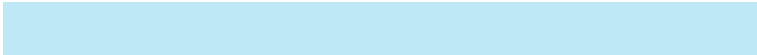
0.0000, 0.0000, 0.0000



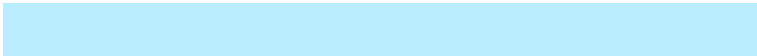
128.0000, -0.0000, -0.0000

Same Dimension

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



221.3370, -28.9300, -4.3380



224.3900, -36.4490, -5.7370



205.4880, -21.5050, 9.7830



116.6510, -6.3270, -0.9750



102.7970, -97.9310, -14.8510



32.5540, -31.0390, -4.6630

Inverse Universe

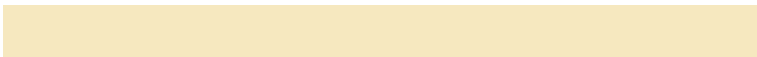
The Inverse Universe completely reimagines the original color for something new.



212.1190, 19.6190, 24.4110



212.5590, 24.4320, 30.8000



231.5120, 21.5050, -9.7830



114.6140, 4.2630, 5.3430



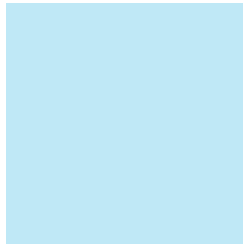
71.4600, 66.2370, 82.6610



22.6570, 21.0400, 26.1920

Previews

White Background



This preview shows how the YIQ color 221.3370, -28.9300, -4.3380 looks on a white background.

Color Contrast Check

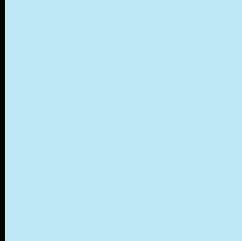
Large Text (above 18pt) WCAG AA × Fail

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 221.3370, -28.9300, -4.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

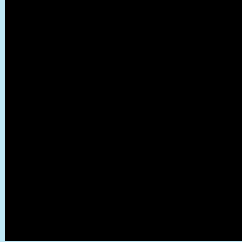
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.3370, -28.9300, -4.3380

Background



This preview shows how black text looks on a background with the YIQ color 221.3370, -28.9300, -4.3380.



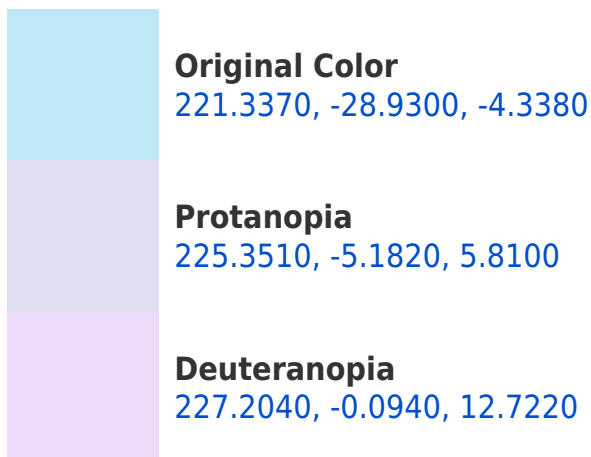
This preview shows how white text looks on a background with the YIQ color 221.3370, -28.9300, -4.3380.

-4.3380.

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

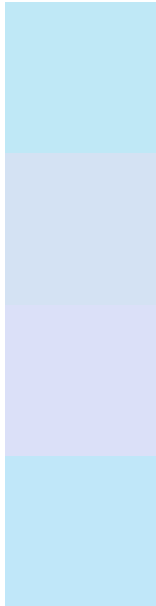




Tritanopia

221.5050, -29.3430, -2.3590

Trichromacy



Original Color

221.3370, -28.9300, -4.3380

Protanomaly

223.7520, -13.8010, 2.3190

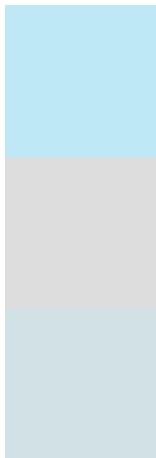
Deuteranomaly

225.2410, -10.6840, 6.4040

Tritanomaly

221.3910, -29.0220, -2.6700

Monochromacy



Original Color

221.3370, -28.9300, -4.3380

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.0850, -10.5450, -1.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.3370, -28.9300, -4.3380 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(191, 232, 246)` looks like.

```
.text, #text, p{  
    color:rgb(191, 232, 246)  
}
```

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(191, 232, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 232, 246) }
```

Border

The CSS property to change the border of an element to YIQ 221.3370, -28.9300, -4.3380 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(191, 232, 246) }
```


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

```
.border{ border-color:rgb(191, 232, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 232, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 232, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 232, 246);  
box-shadow:4px 4px 4px 4px rgb(191, 232,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 221.3370, -28.9300, -4.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 232, 246) }
```

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

```
.background{ background-color: rgb(191,  
232, 246) }
```

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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