

Converting Colors

YIQ(210.0580, -32.2780, 1.2740)

Have a look what the booklet for
YIQ(210.0580, -32.2780, 1.2740)
contains.

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Color

**YIQ(210.0580, -32.2780,
1.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	B4DAF8
RGB	180, 218, 248
RGB Percent	71%, 85%, 97%
CMY	0.2942, 0.1450, 0.0276
CMYK	0.27, 0.12, 0.00, 0.03
HSL	206°, 83%, 84%
HSV	206°, 27%, 97%
XYZ	60.8310, 66.6272, 98.4297
YIQ	210.0580, -32.2780, 1.2740

Conversions

Conversions Part 2

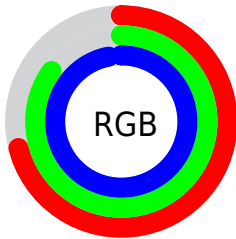
Format	Color
R _Y B	180, 204, 248
Decimal	11852536
CIE Lab	85.32, -5.81, -18.70
CIE LCh	85, 19.585, 252.728
Yxy	66.6272, 0.2693, 0.2950
Android (android.graphics.Color)	4290042616 (0xFFB4DAF8)
YUV	210.0580, 18.7054, -26.3609
Hunter-Lab	81.6255, -9.8183, -14.3582

Details

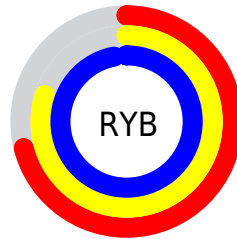
The YIQ color $210.0580, -32.2780, 1.2740$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $217.9420, 32.2780, -1.2740$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6180, -10.7280, -3.8160$, and $155.2430, -31.3610, 1.1750$ is the 20% darker color. If you saturate the color by 10%, you get $196.1260, -44.1530, 1.7270$, and if you desaturate by 10%, it is $223.9900, -20.4030, 0.8210$.

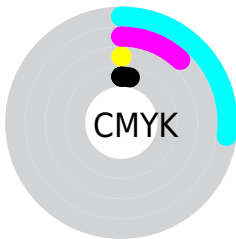
Distribution



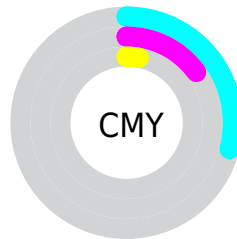
- Red (71%)
- Green (85%)
- Blue (97%)



- Red (71%)
- Yellow (80%)
- Blue (97%)



- Cyan (27%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (29%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.0580, -32.2780, 1.2740 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 210.0580, -32.2780, 1.2740 by changing the saturation by 10% instead.

■ 210.0580,
-32.2780, 1.2740

■ 210.0580,
-32.2780, 1.2740

■ 255.0000, -0.0000,
-0.0000

■ 181.9440,
-31.9570, 0.9630

■ 249.6180,
-10.7280, -3.8160

■ 155.2430,
-31.3610, 1.1750

■ 128.7160,
-31.3150, 0.3410

■ 103.6020,
-30.9940, 0.0300

■ 78.3030, -31.5900,
-0.1820

■ 53.5800, -33.9280,
-1.8640

■ 32.0640, -32.4150,

-1.7510

■ 17.7020, -19.5320,
1.5560

■ 3.0950, -7.3370,
6.3190

■ 210.0580,
-32.2780, 1.2740

■ 210.0580,
-32.2780, 1.2740

■ 196.1260,
-44.1530, 1.7270

■ 223.9900,
-20.4030, 0.8210

■ 182.1940,
-56.0280, 2.1800

■ 237.9220, -8.5280,
0.3680

■ 168.5610,
-67.3070, 2.8450

■ 251.5550, 2.7510,
-0.2970

■ 154.6290,
-79.1820, 3.2980

■ 254.2020, 2.2470,
-2.1770

■ 140.6970,
-91.0570, 3.7510

■ 126.7650,
-102.9320, 4.2040

■ 113.4200,
-115.0820, 4.1340

■ 109.8650,
-117.8330, 4.4310

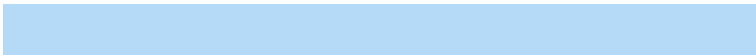
Harmonies

Analogous

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



207.0800, -38.5120, -6.8960



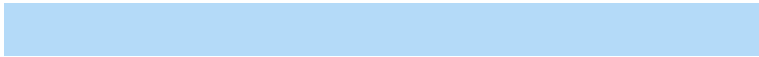
210.0580, -32.2780, 1.2740



213.5270, -17.2410, 9.5990

Triad

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



210.0580, -32.2780, 1.2740



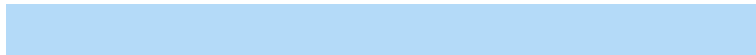
216.2320, 29.0660, 12.8900



209.5460, -2.1980, -15.2380

Complementary

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



210.0580, -32.2780, 1.2740



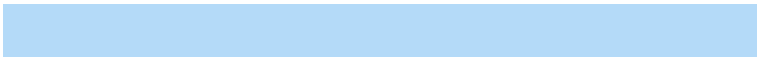
217.9420, 32.2780, -1.2740

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.



211.5760, 15.4530, -10.2350



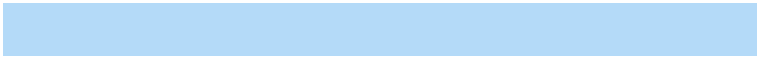
210.0580, -32.2780, 1.2740



215.4570, 32.5060, 5.6100

Square

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



210.0580, -32.2780, 1.2740



216.5930, 17.9240, 16.5800



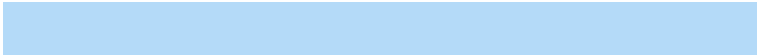
213.5500, 27.5100, -2.9700



207.4500, -19.4830, -15.8590

Rectangle

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



210.0580, -32.2780, 1.2740



215.3930, -5.0000, 13.5280



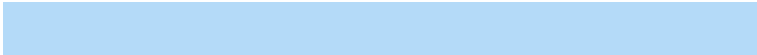
213.5500, 27.5100, -2.9700



210.0090, 3.8080, -13.9520

Sweetspot

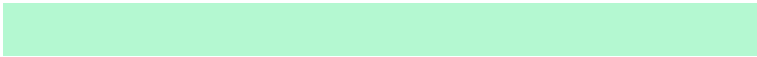
The Sweet Spot groups the original color and five complimentary colors.



210.0580, -32.2780, 1.2740



243.7370, -9.4450, 0.4670



223.2220, -28.0090, -26.5450



120.5910, -6.0980, 0.3820



0.0000, 0.0000, 0.0000



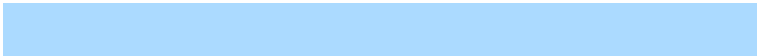
128.0000, -0.0000, -0.0000

Same Dimension

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



210.0580, -32.2780, 1.2740



208.1650, -39.8890, 1.5430



190.6870, -23.2030, 18.5330



117.5910, -6.0980, 0.3820



83.7680, -89.8190, 3.3410



26.9120, -28.9310, 1.1890

Inverse Universe

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



204.6640, 28.3300, 26.2340



201.4740, 34.9770, 32.4250



237.3130, 23.2030, -18.5330



116.6850, 5.5010, 4.9330



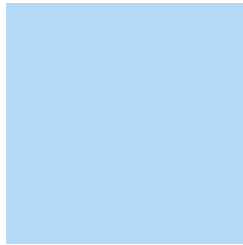
68.5950, 78.6180, 73.0340



22.1150, 25.4420, 23.5060

Previews

White Background



This preview shows how the YIQ color 210.0580, -32.2780, 1.2740 looks on a white background.

Color Contrast Check

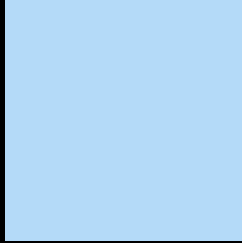
Large Text (above 18pt) WCAG AA × Fail

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 210.0580, -32.2780, 1.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

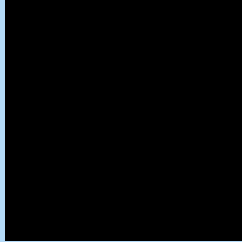
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

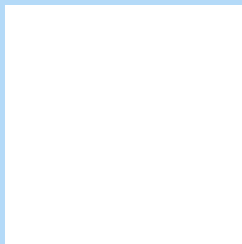
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.0580, -32.2780, 1.2740

Background



This preview shows how black text looks on a background with the YIQ color 210.0580, -32.2780, 1.2740.



This preview shows how white text looks on a background with the YIQ color 210.0580, -32.2780, 1.2740.

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

210.0580, -32.2780, 1.2740

Protanopia

213.4520, -12.6560, 9.1040

Deuteranopia

214.8810, -9.3100, 14.5460



Tritanopia

209.3800, -30.4890, -3.6170

Trichromacy



Original Color

210.0580, -32.2780, 1.2740

Protanomaly

212.4510, -20.0830, 6.0370

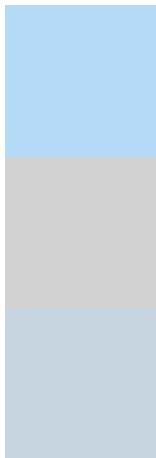
Deuteranomaly

213.2280, -17.8370, 9.3870

Tritanomaly

209.5480, -30.9020, -1.6380

Monochromacy



Original Color

210.0580, -32.2780, 1.2740

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0680, -11.8750, 0.4530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.0580, -32.2780, 1.2740 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(180, 218, 248)` looks like.

```
.text, #text, p{  
    color:rgb(180, 218, 248)  
}
```

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(180, 218, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 218, 248) }
```

Border

The CSS property to change the border of an element to YIQ 210.0580, -32.2780, 1.2740 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(180, 218, 248) }
```


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

```
.border{ border-color:rgb(180, 218, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 218, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 218, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 218, 248);  
box-shadow:4px 4px 4px 4px rgb(180, 218,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 210.0580, -32.2780, 1.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 218, 248) }
```

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

```
.background{ background-color: rgb(180,  
218, 248) }
```

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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