

Converting Colors

YIQ(213.9400, -26.1340, 0.0580)

Have a look what the booklet for
YIQ(213.9400, -26.1340, 0.0580)
contains.

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Color

**YIQ(213.9400, -26.1340,
0.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDDF3
RGB	189, 221, 243
RGB Percent	74%, 87%, 95%
CMY	0.2589, 0.1333, 0.0472
CMYK	0.22, 0.09, 0.00, 0.05
HSL	204°, 69%, 85%
HSV	204°, 22%, 95%
XYZ	63.0153, 69.0060, 94.7679
YIQ	213.9400, -26.1340, 0.0580

Conversions

Conversions Part 2

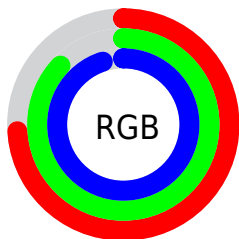
Format	Color
R _Y B	189, 209, 243
Decimal	12443123
CIE Lab	86.51, -5.85, -14.22
CIE LCh	87, 15.377, 247.620
Yxy	69.0060, 0.2779, 0.3043
Android (android.graphics.Color)	4290633203 (0xFFBDDDF3)
YUV	213.9400, 14.3266, -21.8724
Hunter-Lab	83.0699, -9.9653, -9.4904

Details

The YIQ color $213.9400, -26.1340, 0.0580$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $218.0600, 26.1340, -0.0580$, 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 $159.1250, -25.2170, -0.0410$ is the 20% darker color. If you saturate the color by 10%, you get $200.8940, -37.6880, 0.2000$, and if you desaturate by 10%, it is $226.9860, -14.5800, -0.0840$.

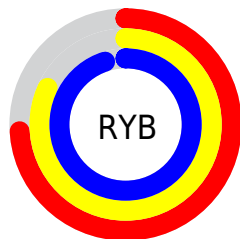
Distribution



Red (74%)

Green (87%)

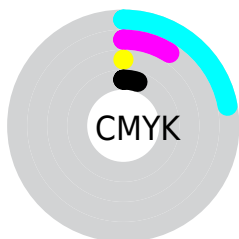
Blue (95%)



Red (74%)

Yellow (82%)

Blue (95%)

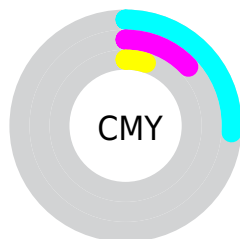


Cyan (22%)

Magenta (9%)

Yellow (0%)

Black (5%)



Cyan (26%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.9400, -26.1340, 0.0580 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 213.9400, -26.1340, 0.0580 by changing the saturation by 10% instead.

■ 213.9400,
-26.1340, 0.0580

■ 213.9400,
-26.1340, 0.0580

■ 255.0000, -0.0000,
-0.0000

■ 186.2390,
-25.5380, 0.2700

■ 252.3090, -5.3640,
-1.9080

■ 159.1250,
-25.2170, -0.0410

■ 133.0110,
-24.8960, -0.3520

■ 107.0110,
-24.8960, -0.3520

■ 82.7830, -24.2540,
-0.9740

■ 58.4840, -24.8500,
-1.1860

■ 34.8750, -27.5090,

-2.5570

■ 18.5340, -19.1190,
-0.4230

■ 2.6390, -6.0530,
5.0750

■ 213.9400,
-26.1340, 0.0580

■ 213.9400,
-26.1340, 0.0580

■ 200.8940,
-37.6880, 0.2000

■ 226.9860,
-14.5800, -0.0840

■ 187.5490,
-49.8380, 0.1300

■ 240.3310, -2.4300,
-0.0140

■ 174.5030,
-61.3920, 0.2720

■ 251.2840, 4.9520,
-1.6400

■ 161.4570,
-72.9460, 0.4140

■ 253.6320, 3.8520,
-3.7320

■ 148.9980,
-84.7750, 0.0330

■ 135.6530,
-96.9250, -0.0370

■ 122.6070,
-108.4790, 0.1050

■ 112.2300,
-117.6030, 0.2610

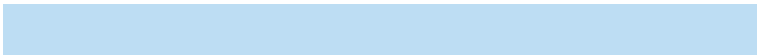
Harmonies

Analogous

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



211.9840, -29.4340, -6.2180



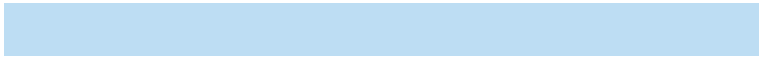
213.9400, -26.1340, 0.0580



216.3160, -15.2690, 6.8990

Triad

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



213.9400, -26.1340, 0.0580



219.6440, 21.9140, 10.3460



213.9210, 1.2400, -11.4640

Complementary

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



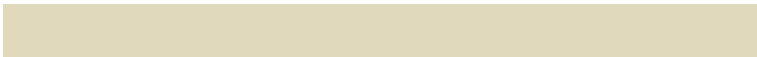
213.9400, -26.1340, 0.0580



218.0600, 26.1340, -0.0580

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.



216.0860, 14.0770, -7.3230



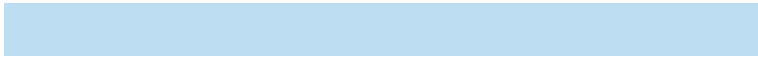
213.9400, -26.1340, 0.0580



218.6350, 26.1330, 5.4690

Square

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



213.9400, -26.1340, 0.0580



219.5490, 12.0560, 12.7920



217.2660, 22.5580, -1.3300



212.2660, -12.9730, -12.6930

Rectangle

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



213.9400, -26.1340, 0.0580



217.8010, -6.3290, 10.0790



217.2660, 22.5580, -1.3300



214.9000, 5.7330, -10.2910

Sweetspot

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



213.9400, -26.1340, 0.0580



245.5090, -8.8030, -0.1550



223.2060, -21.9120, -21.4000



121.7760, -5.1810, 0.2830



0.0000, 0.0000, 0.0000



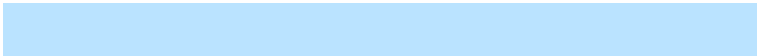
128.0000, -0.0000, -0.0000

Same Dimension

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



213.9400, -26.1340, 0.0580



217.9330, -33.4240, 0.0160



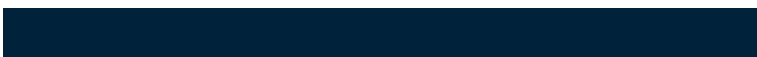
198.0910, -18.7090, 14.1790



115.4770, -5.7770, 0.0710



85.7740, -89.9560, 0.3160



27.2710, -28.5640, 0.0440

Inverse Universe

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



208.7940, 21.9120, 21.4000



211.3050, 27.9630, 27.3790



233.9090, 18.7090, -14.1790



114.3860, 4.9050, 4.7210



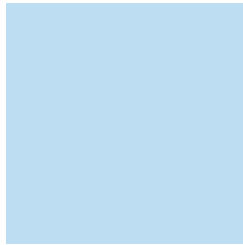
68.1540, 75.5460, 73.6420



21.6310, 23.9290, 23.3930

Previews

White Background



This preview shows how the YIQ color 213.9400, -26.1340, 0.0580 looks on a white background.

Color Contrast Check

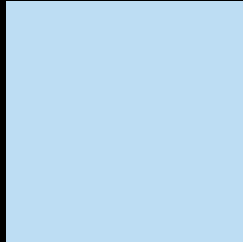
Large Text (above 18pt) WCAG AA × Fail

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 213.9400, -26.1340, 0.0580 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

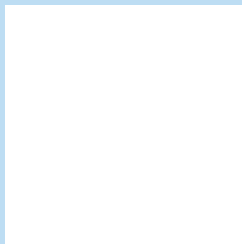
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.9400, -26.1340, 0.0580

Background



This preview shows how black text looks on a background with the YIQ color 213.9400, -26.1340, 0.0580.



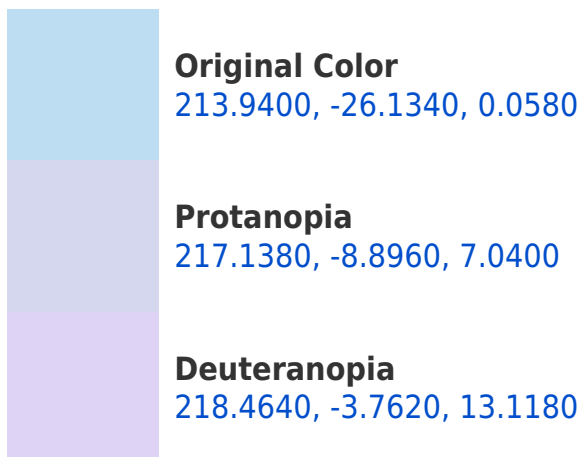
This preview shows how white text looks on a background with the YIQ color 213.9400, -26.1340,

0.0580.

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

213.7720, -25.7210, -1.9210

Trichromacy



Original Color

213.9400, -26.1340, 0.0580

Protanomaly

215.7350, -15.1310, 4.3970

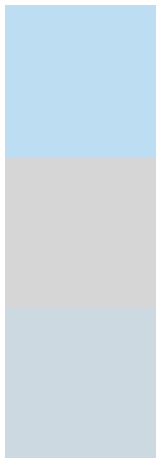
Deuteranomaly

217.1100, -11.6930, 8.1710

Tritanomaly

213.8860, -26.0420, -1.6100

Monochromacy



Original Color

213.9400, -26.1340, 0.0580

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.3240, -9.7200, -0.0560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.9400, -26.1340, 0.0580 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(189, 221, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 221, 243) }
```

Border

The CSS property to change the border of an element to YIQ 213.9400, -26.1340, 0.0580 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, 243) }
```


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

```
.border{ border-color:rgb(189, 221, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 221, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 221, 243);  
box-shadow:4px 4px 4px 4px rgb(189, 221,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 213.9400, -26.1340, 0.0580 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, 243) }
```

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

```
.background{ background-color: rgb(189,  
221, 243) }
```

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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