

Converting Colors

YIQ(220.4250, -26.3620,
-6.8260)

Have a look what the booklet for
YIQ(220.4250, -26.3620, -6.8260)
contains.

YIQ(220.4250, -26.3620, -6.8260)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(220.4250, -26.3620,
-6.8260)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE8EE
RGB	191, 232, 238
RGB Percent	75%, 91%, 93%
CMY	0.2511, 0.0901, 0.0668
CMYK	0.20, 0.03, 0.00, 0.07
HSL	188°, 58%, 84%
HSV	188°, 20%, 93%
XYZ	65.7698, 74.9676, 91.8712
YIQ	220.4250, -26.3620, -6.8260

Conversions

Conversions Part 2

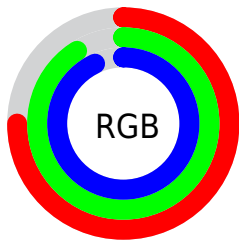
Format	Color
RYB	191, 213, 238
Decimal	12577006
CIELab	89.38, -11.97, -7.30
CIELCh	89, 14.019, 211.395
Yxy	74.9676, 0.2827, 0.3223
Android (android.graphics.Color)	4290767086 (0xFFBFE8EE)
YUV	220.4250, 8.6645, -25.8057
Hunter-Lab	86.5838, -15.9316, -2.3019

Details

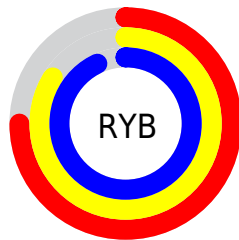
The YIQ color **220.4250, -26.3620, -6.8260** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **208.5750, 26.3620, 6.8260**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9070, -4.1720, -1.4840**, and **165.0230, -25.1700, -6.4020** is the 20% darker color. If you saturate the color by 10%, you get **211.4880, -39.8410, -10.3450**, and if you desaturate by 10%, it is **229.3620, -12.8830, -3.3070**.

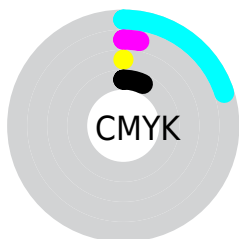
Distribution



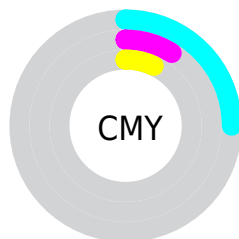
- Red (75%)
- Green (91%)
- Blue (93%)



- Red (75%)
- Yellow (84%)
- Blue (93%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (25%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.4250, -26.3620, -6.8260 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 220.4250, -26.3620, -6.8260 by changing the saturation by 10% instead.

■ 220.4250,
-26.3620, -6.8260

■ 220.4250,
-26.3620, -6.8260

■ 255.0000, -0.0000,
-0.0000

■ 192.4250,
-26.3620, -6.8260

■ 252.9070, -4.1720,
-1.4840

■ 165.0230,
-25.1700, -6.4020

■ 138.9090,
-24.8490, -6.7130

■ 112.9090,
-24.8490, -6.7130

■ 88.2080, -24.2530,
-6.5010

■ 64.2080, -24.2530,
-6.5010

■ 40.0120, -26.6370,

-7.3490

■ 22.3010, -20.0810,
-5.0170

■ 2.2970, -5.0900,
4.1420

■ 220.4250,
-26.3620, -6.8260

■ 220.4250,
-26.3620, -6.8260

■ 211.4880,
-39.8410, -10.3450

■ 229.3620,
-12.8830, -3.3070

■ 202.5510,
-53.3200, -13.8640

■ 238.2990, 0.5960,
0.2120

■ 193.9130,
-66.2030, -17.1710

■ 244.8440, 9.3070,
2.0350

■ 184.9760,
-79.6820, -20.6900

■ 246.6050, 8.4820,
0.4660

■ 176.0390,
-93.1610, -24.2090

■ 248.3660, 7.6570,
-1.1030

■ 167.1020,
-106.6400, -27.7280

■ 250.1270, 6.8320,
-2.6720

■ 158.1650,
-120.1190, -31.2470

■ 251.8880, 6.0070,
-4.2410

■ 149.5270,
-133.0020, -34.5540

■ 253.0620, 5.4570,
-5.2870

■ 149.2280,
-133.5980, -34.7660

Harmonies

Analogous

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



220.4270, -20.6760, -10.7560



220.4250, -26.3620, -6.8260



221.5980, -25.1710, -0.8750

Triad

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



220.4250, -26.3620, -6.8260



227.1680, 8.7550, 12.0430



224.3250, 14.9020, -5.7540

Complementary

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



220.4250, -26.3620, -6.8260



208.5750, 26.3620, 6.8260

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.



226.0210, 21.8700, 0.1260



220.4250, -26.3620, -6.8260



227.6760, 18.8880, 10.1200

Square

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



220.4250, -26.3620, -6.8260



226.0570, -4.1740, 9.5700



226.4930, 23.6570, 6.2890



222.6440, 3.5780, -9.7820

Rectangle

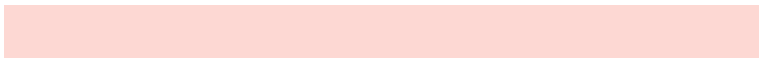
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.4250, -26.3620, -6.8260



223.4570, -20.2200, 3.0120



226.4930, 23.6570, 6.2890



224.6460, 18.4320, -3.6480

Sweetspot

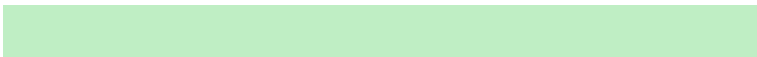
The Sweet Spot groups the original color and five complimentary colors.



220.4250, -26.3620, -6.8260



249.3410, -8.3900, -2.1340



219.1590, -14.5300, -23.0260



124.1350, -4.8140, -0.8620



0.0000, 0.0000, 0.0000



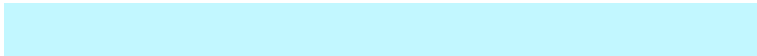
128.0000, -0.0000, -0.0000

Same Dimension

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



220.4250, -26.3620, -6.8260



232.0650, -34.1560, -8.7480



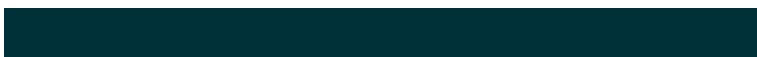
206.9240, -20.0370, 5.2030



115.2380, -6.6020, -1.4980



114.8960, -103.0640, -26.4560



35.1470, -31.4510, -8.2110

Inverse Universe

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



209.7270, 14.8510, 22.7150



218.2810, 19.3430, 29.4150



222.0760, 20.0370, -5.2030



112.7280, 3.9420, 5.6540



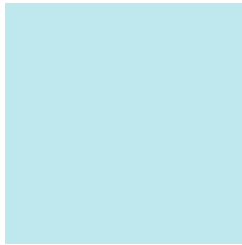
73.2560, 58.3040, 88.7680



22.3300, 17.6470, 27.1110

Previews

White Background



This preview shows how the YIQ color 220.4250, -26.3620, -6.8260 looks on a white background.

Color Contrast Check

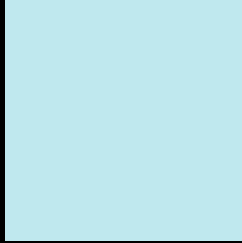
Large Text (above 18pt) WCAG AA × Fail

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 220.4250, -26.3620, -6.8260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

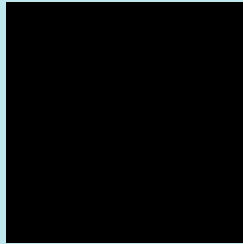
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.4250, -26.3620, -6.8260

Background



This preview shows how black text looks on a background with the YIQ color 220.4250, -26.3620, -6.8260.



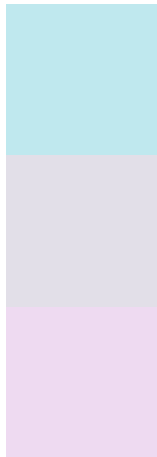
This preview shows how white text looks on a background with the YIQ color 220.4250, -26.3620, -6.8260.

-6.8260.

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

220.4250, -26.3620, -6.8260

Protanopia

224.9230, -1.1010, 3.4350

Deuteranopia

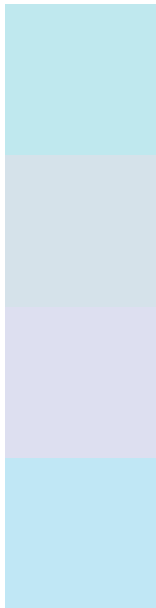
226.6020, 4.5370, 11.3930



Tritanopia

221.1030, -28.1510, -1.9350

Trichromacy



Original Color

220.4250, -26.3620, -6.8260

Protanomaly

223.0250, -10.3160, -0.2680

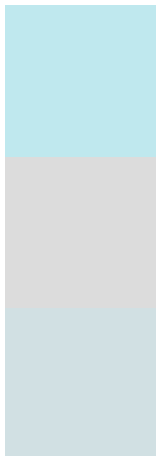
Deuteranomaly

224.3400, -6.6490, 4.8630

Tritanomaly

220.9350, -27.7380, -3.9140

Monochromacy



Original Color

220.4250, -26.3620, -6.8260

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8570, -9.9030, -2.2470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.4250, -26.3620, -6.8260 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(191, 232, 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(191, 232, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 232, 238) }
```

Border

The CSS property to change the border of an element to YIQ 220.4250, -26.3620, -6.8260 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, 238) }
```


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

```
.border{ border-color:rgb(191, 232, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 232, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 232, 238);  
box-shadow:4px 4px 4px 4px rgb(191, 232,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 220.4250, -26.3620, -6.8260 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, 238) }
```

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

```
.background{ background-color: rgb(191,  
232, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor