

Converting Colors

YIQ(218.2960, -21.6850,
-8.9890)

Have a look what the booklet for
YIQ(218.2960, -21.6850, -8.9890)
contains.

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Color

**YIQ(218.2960, -21.6850,
-8.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E6E3
RGB	192, 230, 227
RGB Percent	75%, 90%, 89%
CMY	0.2471, 0.0980, 0.1099
CMYK	0.17, 0.00, 0.01, 0.10
HSL	175°, 43%, 83%
HSV	175°, 17%, 90%
XYZ	63.8957, 73.3508, 83.4480
YIQ	218.2960, -21.6850, -8.9890

Conversions

Conversions Part 2

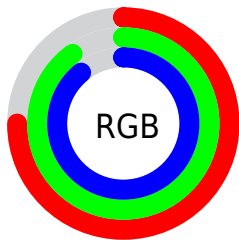
Format	Color
R_{YB}	192, 212, 230
Decimal	12642019
CIE _{Lab}	88.61, -12.92, -2.66
CIE _{LCh}	89, 13.189, 191.621
Yxy	73.3508, 0.2895, 0.3324
Android (android.graphics.Color)	4290832099 (0xFFC0E6E3)
YUV	218.2960, 4.2911, -23.0616
Hunter-Lab	85.6451, -16.7085, 2.1825

Details

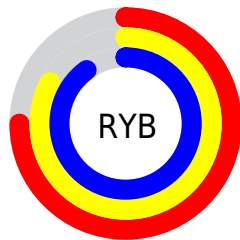
The YIQ color $218.2960, -21.6850, -8.9890$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $203.7040, 21.6850, 8.9890$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2060, -3.5760, -1.2720$, and $163.0080, -20.8140, -8.2540$ is the 20% darker color. If you saturate the color by 10%, you get $211.1910, -34.7510, -14.4870$, and if you desaturate by 10%, it is $225.4010, -8.6190, -3.4910$.

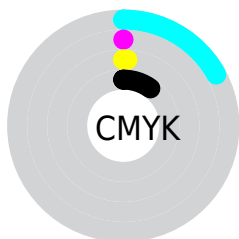
Distribution



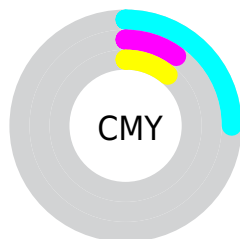
- Red (75%)
- Green (90%)
- Blue (89%)



- Red (75%)
- Yellow (83%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.2960, -21.6850, -8.9890 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 218.2960, -21.6850, -8.9890 by changing the saturation by 10% instead.

■ 218.2960,
-21.6850, -8.9890

■ 218.2960,
-21.6850, -8.9890

■ 255.0000, -0.0000,
-0.0000

■ 190.5950,
-21.0890, -8.7770

■ 253.2060, -3.5760,
-1.2720

■ 163.0080,
-20.8140, -8.2540

■ 136.8940,
-20.4930, -8.5650

■ 111.3070,
-20.2180, -8.0420

■ 86.6060, -19.6220,
-7.8300

■ 62.6060, -19.6220,
-7.8300

■ 40.3070, -20.2180,

-8.0420

■ 20.8020, -17.2380,
-6.9820

■ 0.1140, -0.3210,
0.3110

■ 218.2960,
-21.6850, -8.9890

■ 218.2960,
-21.6850, -8.9890

■ 211.1910,
-34.7510, -14.4870

■ 225.4010, -8.6190,
-3.4910

■ 204.0860,
-47.8170, -19.9850

■ 232.5060, 4.4470,
2.0070

■ 196.9810,
-60.8830, -25.4830

■ 237.7030, 14.2580,
5.9220

■ 189.9900,
-74.2700, -30.6700

■ 237.9310, 13.6160,
6.5440

■ 182.8850,
-87.3360, -36.1680

■ 238.1590, 12.9740,
7.1660

■ 175.7800,
-100.4020, -41.6660

■ 238.3870, 12.3320,
7.7880

■ 168.6750,
-113.4680, -47.1640

■ 238.6150, 11.6900,
8.4100

■ 161.5700,
-126.5340, -52.6620

■ 238.8430, 11.0480,
9.0320

■ 159.1780,
-131.3020, -54.3580

■ 239.0710, 10.4060,
9.6540

Harmonies

Analogous

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



218.6190, -12.4690, -10.8130



218.2960, -21.6850, -8.9890



219.0770, -25.2620, -4.7340

Triad

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



218.2960, -21.6850, -8.9890



224.5090, 0.3650, 9.9090



222.9990, 18.9360, -1.7680

Complementary

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



218.2960, -21.6850, -8.9890



203.7040, 21.6850, 8.9890

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.



224.4280, 22.2820, 3.6740



218.2960, -21.6850, -8.9890



225.1960, 11.5520, 10.9120

Square

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



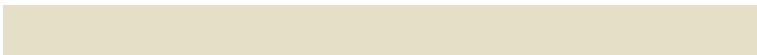
218.2960, -21.6850, -8.9890



222.7570, -12.1970, 6.2910



224.9210, 19.5760, 8.6640



221.6450, 11.0050, -6.7150

Rectangle

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



218.2960, -21.6850, -8.9890



219.9680, -23.3370, -1.0730



224.9210, 19.5760, 8.6640



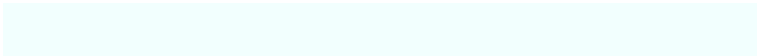
223.8360, 20.9530, 0.2250

Sweetspot

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



218.2960, -21.6850, -8.9890



250.9990, -7.4270, -3.0670



215.2030, -8.6620, -19.2380



125.4940, -4.4470, -2.0070



0.0000, 0.0000, 0.0000



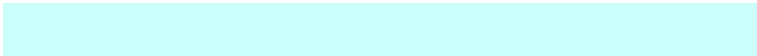
128.0000, -0.0000, -0.0000

Same Dimension

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



218.2960, -21.6850, -8.9890



239.2950, -29.1120, -12.0560



209.2460, -18.2480, 0.3120



111.2980, -6.8310, -2.8550



123.7690, -101.8690, -42.6130



35.2950, -29.1120, -12.0560

Inverse Universe

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



203.7040, 21.6850, 8.9890



219.7050, 29.1120, 12.0560



212.7540, 18.2480, -0.3120



106.7020, 6.8310, 2.8550



55.1170, 102.1900, 42.3020



15.7050, 29.1120, 12.0560

Previews

White Background



This preview shows how the YIQ color 218.2960, -21.6850, -8.9890 looks on a white background.

Color Contrast Check

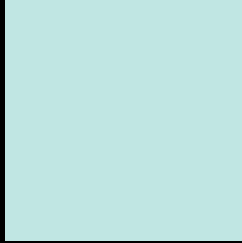
Large Text (above 18pt) WCAG AA × Fail

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 218.2960, -21.6850, -8.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

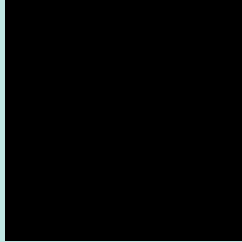
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

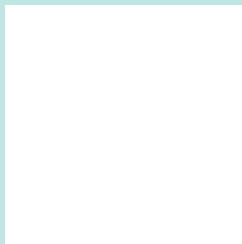
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 218.2960, -21.6850, -8.9890

Background



This preview shows how black text looks on a background with the YIQ color 218.2960, -21.6850, -8.9890.



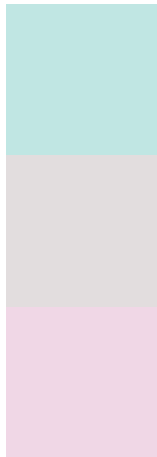
This preview shows how white text looks on a background with the YIQ color 218.2960, -21.6850, -8.9890.

-8.9890.

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

218.2960, -21.6850, -8.9890

Protanopia

222.6090, 2.6590, 1.3710

Deuteranopia

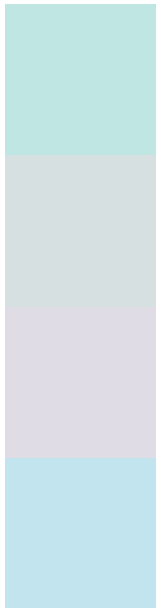
224.1850, 10.0850, 9.9650



Tritanopia

219.4840, -24.8500, -1.1860

Trichromacy



Original Color

218.2960, -21.6850, -8.9890

Protanomaly

221.0100, -5.9600, -2.1200

Deuteranomaly

221.9230, -1.1010, 3.4350

Tritanomaly

218.9740, -23.4740, -4.0980

Monochromacy



Original Color

218.2960, -21.6850, -8.9890

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.9990, -7.4270, -3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.2960, -21.6850, -8.9890 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(192, 230, 227)` looks like.

```
.text, #text, p{  
    color:rgb(192, 230, 227)  
}
```

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(192, 230, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 230, 227) }
```

Border

The CSS property to change the border of an element to YIQ 218.2960, -21.6850, -8.9890 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(192, 230, 227) }
```


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

```
.border{ border-color:rgb(192, 230, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 230, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 230, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 230, 227);  
box-shadow:4px 4px 4px 4px rgb(192, 230,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 218.2960, -21.6850, -8.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 230, 227) }
```

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

```
.background{ background-color: rgb(192,  
230, 227) }
```

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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