

Converting Colors

YIQ(230.2020, -6.9210,
-12.2410)

Have a look what the booklet for
YIQ(230.2020, -6.9210, -12.2410)
contains.

| | |
|--|----|
| YIQ(230.2020, -6.9210, -12.2410) | 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(230.2020, -6.9210,
-12.2410)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D8F0D9 |
| RGB | 216, 240, 217 |
| RGB Percent | 85%, 94%, 85% |
| CMY | 0.1530, 0.0588, 0.1490 |
| CMYK | 0.10, 0.00, 0.10, 0.06 |
| HSL | 123°, 44%, 89% |
| HSV | 123°, 10%, 94% |
| XYZ | 72.0006, 81.9319, 77.6636 |
| YIQ | 230.2020, -6.9210, -12.2410 |

Conversions

Conversions Part 2

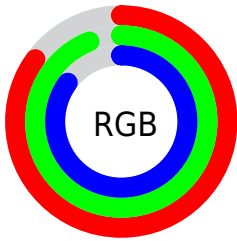
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 216, 239, 240 |
| Decimal | 14217433 |
| CIE Lab | 92.54, -12.07, 8.45 |
| CIE LCh | 93, 14.734, 145.007 |
| Yxy | 81.9319, 0.3109, 0.3538 |
| Android (android.graphics.Color) | 4292407513 (0xFFD8F0D9) |
| YUV | 230.2020, -6.5086, -12.4552 |
| Hunter-Lab | 90.5162, -16.4166, 12.4901 |

Details

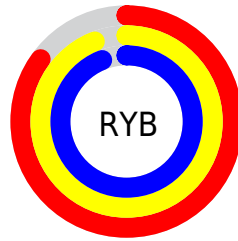
The YIQ color $230.2020, -6.9210, -12.2410$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $225.7980, 6.9210, 12.2410$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.6150, -6.6460, -11.7180$ is the 20% darker color. If you saturate the color by 10%, you get $220.4040, -13.8420, -24.4820$, and if you desaturate by 10%, it is $240.0000, -0.0000, -0.0000$.

Distribution



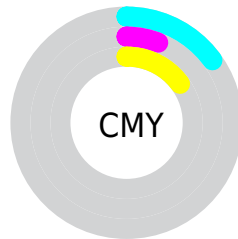
- Red (85%)
- Green (94%)
- Blue (85%)



- Red (85%)
- Yellow (94%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.2020, -6.9210, -12.2410 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 230.2020, -6.9210, -12.2410 by changing the saturation by 10% instead.

■ 230.2020, -6.9210,
-12.2410

■ 230.2020, -6.9210,
-12.2410

255.0000, -0.0000,
-0.0000

■ 202.2020, -6.9210,
-12.2410

■ 174.6150, -6.6460,
-11.7180

■ 148.0280, -6.3710,
-11.1950

■ 122.1420, -6.6920,
-10.8840

■ 97.4410, -6.0960,
-10.6720

■ 73.5550, -6.4170,
-10.3610

■ 50.3810, -5.8670,

-9.3150

■ 29.4950, -6.1880,
-9.0040

■ 9.3920, -4.4000,
-8.3680

■ 230.2020, -6.9210,
-12.2410

■ 230.2020, -6.9210,
-12.2410

■ 220.4040,
-13.8420, -24.4820

■ 240.0000, -0.0000,
-0.0000

■ 210.6060,
-20.7630, -36.7230

■ 246.1950, 4.1250,
7.8450

■ 200.8080,
-27.6840, -48.9640

■ 191.0100,
-34.6050, -61.2050

■ 181.2120,
-41.5260, -73.4460

■ 171.4140,
-48.4470, -85.6870

■ 161.6160,
-55.3680, -97.9280

■ 151.8180,
-62.2890, -110.1690

■ 142.0200,
-69.2100, -122.4100

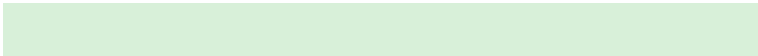
Harmonies

Analogous

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



231.6120, 6.6040, -9.5560



230.2020, -6.9210, -12.2410



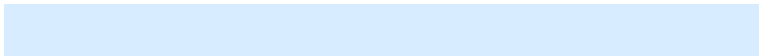
229.0850, -19.7130, -11.6890

Triad

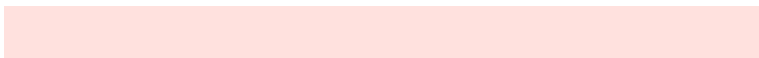
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.2020, -6.9210, -12.2410



232.1860, -18.0190, 1.6690



233.6280, 18.8430, 5.4270

Complementary

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



230.2020, -6.9210, -12.2410



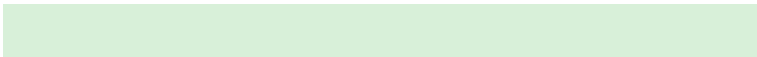
225.7980, 6.9210, 12.2410

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.



234.7510, 14.3030, 10.6150



230.2020, -6.9210, -12.2410



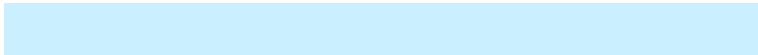
234.6330, -5.9160, 8.1000

Square

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



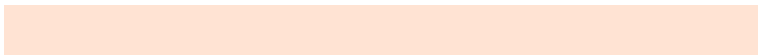
230.2020, -6.9210, -12.2410



229.7610, -27.1880, -2.8680



236.4990, 6.3250, 12.0290



233.5480, 21.8240, 0.9600

Rectangle

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



230.2020, -6.9210, -12.2410



228.9150, -24.9860, -9.7380



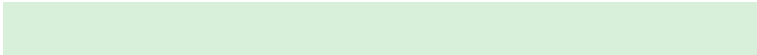
236.4990, 6.3250, 12.0290



233.6110, 17.5130, 7.5050

Sweetspot

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



230.2020, -6.9210, -12.2410



251.8100, -2.5210, -3.8730



236.9650, 7.1080, -7.6760



125.6360, -1.9710, -2.8270



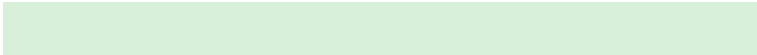
0.0000, 0.0000, 0.0000



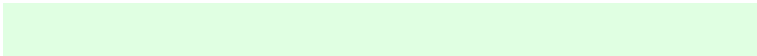
128.0000, -0.0000, -0.0000

Same Dimension

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



230.2020, -6.9210, -12.2410



242.4250, -9.1670, -15.5910



231.5700, -10.7730, -8.5090



115.0440, -3.3000, -6.2760



108.9200, -53.1680, -93.7440



33.1000, -16.0420, -28.6660

Inverse Universe

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



225.7980, 6.9210, 12.2410



236.6890, 8.8460, 15.9020



224.4300, 10.7730, 8.5090



112.8420, 3.6210, 5.9650



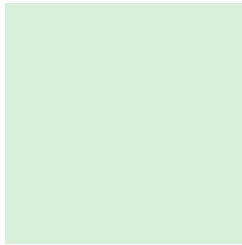
75.0800, 53.1680, 93.7440



22.9000, 16.0420, 28.6660

Previews

White Background



This preview shows how the YIQ color 230.2020, -6.9210, -12.2410 looks on a white background.

Color Contrast Check

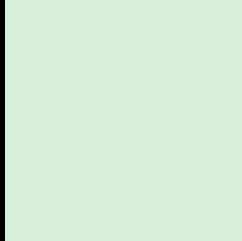
Large Text (above 18pt) WCAG AA × Fail

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 230.2020, -6.9210, -12.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

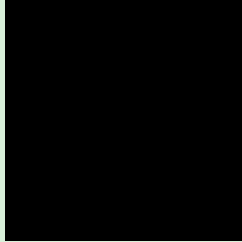
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

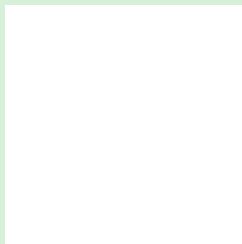
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.2020, -6.9210, -12.2410

Background



This preview shows how black text looks on a background with the YIQ color 230.2020, -6.9210, -12.2410.



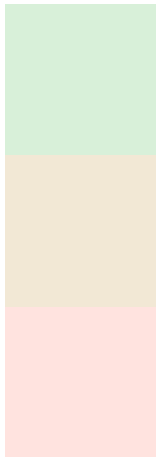
This preview shows how white text looks on a background with the YIQ color 230.2020, -6.9210, -12.2410.

-12.2410.

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**

230.2020, -6.9210, -12.2410

Protanopia

232.8240, 12.0590, -3.7890

Deuteranopia

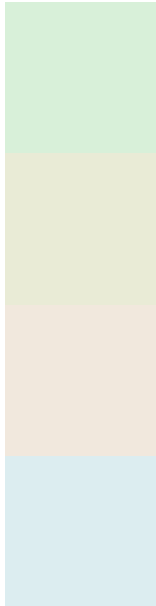
234.9160, 17.9720, 4.6920



Tritanopia

233.1650, -13.5260, 2.8420

Trichromacy



Original Color

230.2020, -6.9210, -12.2410

Protanomaly

232.0080, 5.5490, -6.9550

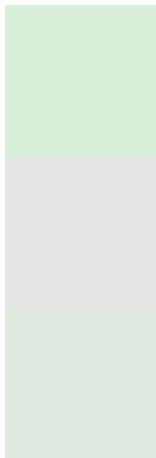
Deuteranomaly

233.4370, 8.8950, -1.5130

Tritanomaly

232.2590, -11.0950, -2.6710

Monochromacy



Original Color

230.2020, -6.9210, -12.2410

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.2830, -2.4750, -4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.2020, -6.9210, -12.2410 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(216, 240, 217)` looks like.

```
.text, #text, p{  
    color:rgb(216, 240, 217)  
}
```

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(216, 240, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 240, 217) }
```

Border

The CSS property to change the border of an element to YIQ 230.2020, -6.9210, -12.2410 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(216, 240, 217) }
```


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

```
.border{ border-color:rgb(216, 240, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 240, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 240, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 240, 217);  
box-shadow:4px 4px 4px 4px rgb(216, 240,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 230.2020, -6.9210, -12.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 240, 217) }
```

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

```
.background{ background-color: rgb(216,  
240, 217) }
```

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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