

Converting Colors

YIQ(208.2240, -12.0140, 8.4820)

Have a look what the booklet for
YIQ(208.2240, -12.0140, 8.4820)
contains.

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Color

**YIQ(208.2240, -12.0140,
8.4820)**

Conversions

Conversions Part 1

Format	Color
Hex	CACEEC
RGB	202, 206, 236
RGB Percent	79%, 81%, 93%
CMY	0.2078, 0.1921, 0.0746
CMYK	0.14, 0.13, 0.00, 0.07
HSL	233°, 47%, 86%
HSV	233°, 14%, 93%
XYZ	61.5672, 62.7554, 88.2112
YIQ	208.2240, -12.0140, 8.4820

Conversions

Conversions Part 2

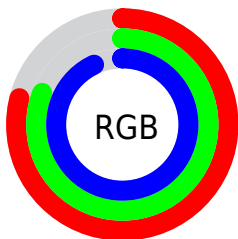
Format	Color
R _Y B	202, 206, 236
Decimal	13291244
CIE _{Lab}	83.31, 4.54, -15.21
CIE _{LCh}	83, 15.879, 286.631
Y _{xy}	62.7554, 0.2897, 0.2953
Android (android.graphics.Color)	4291481324 (0xFFCACEEC)
YUV	208.2240, 13.6936, -5.4584
Hunter-Lab	79.2183, 0.0952, -10.5678

Details

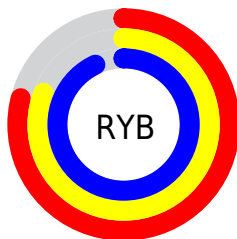
The YIQ color $208.2240, -12.0140, 8.4820$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $229.7760, 12.0140, -8.4820$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $153.9960, -11.3720, 7.8600$ is the 20% darker color. If you saturate the color by 10%, you get $188.7210, -20.5430, 14.3770$, and if you desaturate by 10%, it is $227.7270, -3.4850, 2.5870$.

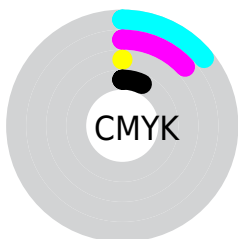
Distribution



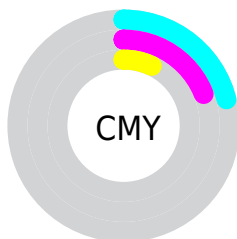
- Red (79%)
- Green (81%)
- Blue (93%)



- Red (79%)
- Yellow (81%)
- Blue (93%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.2240, -12.0140, 8.4820 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 208.2240, -12.0140, 8.4820 by changing the saturation by 10% instead.

■ 208.2240,
-12.0140, 8.4820

■ 208.2240,
-12.0140, 8.4820

255.0000, -0.0000,
-0.0000

■ 180.8110,
-12.2890, 7.9590

■ 153.9960,
-11.3720, 7.8600

■ 127.8820,
-11.0510, 7.5490

■ 102.7680,
-10.7300, 7.2380

■ 78.3550, -11.0050,
6.7150

■ 55.2410, -10.6840,
6.4040

■ 33.7140, -10.6380,

5.5700

■ 11.2410, -10.6840,
6.4040

■ 1.0260, -2.8890,
2.7990

■ 208.2240,
-12.0140, 8.4820

■ 208.2240,
-12.0140, 8.4820

■ 188.7210,
-20.5430, 14.3770

■ 227.7270, -3.4850,
2.5870

■ 169.5170,
-28.4760, 20.4840

■ 246.9310, 4.4480,
-3.5200

■ 150.6010,
-37.2800, 25.8560

■ 252.8340, 6.0990,
-5.9090

■ 131.3970,
-45.2130, 31.9630

■ 111.8940,
-53.7420, 37.8580

■ 92.3910, -62.2710,
43.7530

■ 73.1870, -70.2040,
49.8600

■ 53.6840, -78.7330,
55.7550

■ 43.3400, -83.4560,
58.7520

Harmonies

Analogous

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



205.7770, -24.1170, 2.0510



208.2240, -12.0140, 8.4820



209.7590, 2.6570, 12.4250

Triad

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



208.2240, -12.0140, 8.4820



209.4670, 26.5460, 3.4900



202.8140, -17.5120, -13.0320

Complementary

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



208.2240, -12.0140, 8.4820



229.7760, 12.0140, -8.4820

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.



204.3550, -2.9780, -12.1140



208.2240, -12.0140, 8.4820



207.7280, 21.1370, -3.1110

Square

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



208.2240, -12.0140, 8.4820



210.7860, 24.3900, 9.5260



206.1780, 10.8220, -8.9060



202.1320, -27.0950, -10.0630

Rectangle

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



208.2240, -12.0140, 8.4820



210.6630, 11.7350, 13.1030



206.1780, 10.8220, -8.9060



203.1520, -12.6520, -13.0040

Sweetspot

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



208.2240, -12.0140, 8.4820



246.7270, -3.4850, 2.5870



225.2640, -18.6590, -8.7630



122.3850, -2.5220, 1.6540



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.



208.2240, -12.0140, 8.4820



219.8370, -15.1780, 10.7580



209.4640, -3.7620, 13.1180



107.8410, -3.8060, 2.8980



32.9610, -63.8760, 45.3080



9.6780, -18.9840, 13.6560

Inverse Universe

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



212.6220, 18.9800, 8.4520



225.4270, 24.0230, 10.6710



228.5360, 3.7620, -13.1180



109.4030, 6.2350, 2.6430



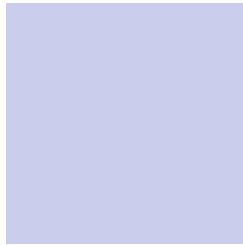
56.5130, 101.1350, 44.9030



16.8300, 30.2580, 13.3140

Previews

White Background



This preview shows how the YIQ color 208.2240, -12.0140, 8.4820 looks on a white background.

Color Contrast Check

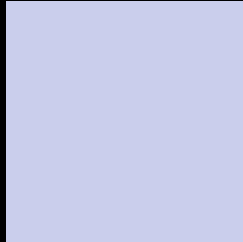
Large Text (above 18pt) WCAG AA × Fail

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 208.2240, -12.0140, 8.4820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

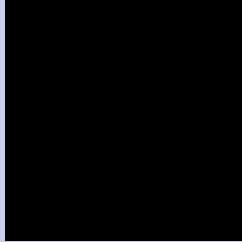
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.2240, -12.0140, 8.4820

Background



This preview shows how black text looks on a background with the YIQ color 208.2240, -12.0140, 8.4820.



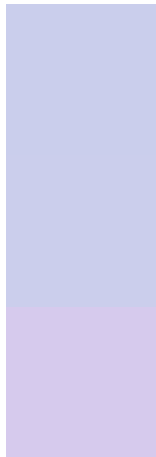
This preview shows how white text looks on a background with the YIQ color 208.2240, -12.0140,

8.4820.

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

208.2240, -12.0140, 8.4820

Protanopia

208.5230, -11.4180, 8.6940

Deuteranopia

209.5780, -4.0830, 13.4290



Tritanopia

207.4320, -9.9040, 3.2800

Trichromacy



Original Color

208.2240, -12.0140, 8.4820

Protanomaly

208.5230, -11.4180, 8.6940

Deuteranomaly

208.9690, -6.7420, 12.0580

Tritanomaly

207.6000, -10.3170, 5.2590

Monochromacy



Original Color

208.2240, -12.0140, 8.4820

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.9550, -4.1270, 3.2090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.2240, -12.0140, 8.4820 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(202, 206, 236)` looks like.

```
.text, #text, p{  
    color:rgb(202, 206, 236)  
}
```

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(202, 206, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 206, 236) }
```

Border

The CSS property to change the border of an element to YIQ 208.2240, -12.0140, 8.4820 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(202, 206, 236) }
```


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

```
.border{ border-color:rgb(202, 206, 236) }
```

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

Here you see how a box with a 4 pixel rgb(202, 206, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 206, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 206, 236);  
box-shadow:4px 4px 4px 4px rgb(202, 206,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 208.2240, -12.0140, 8.4820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 206, 236) }
```

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

```
.background{ background-color: rgb(202,  
206, 236) }
```

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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