

Converting Colors

YIQ(208.0760, -14.3530,
12.3270)

Have a look what the booklet for
YIQ(208.0760, -14.3530, 12.3270)
contains.

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Color

**YIQ(208.0760, -14.3530,
12.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	CACCF5
RGB	202, 204, 245
RGB Percent	79%, 80%, 96%
CMY	0.2078, 0.2000, 0.0393
CMYK	0.18, 0.17, 0.00, 0.04
HSL	237°, 68%, 88%
HSV	237°, 18%, 96%
XYZ	62.4296, 62.3347, 95.1095
YIQ	208.0760, -14.3530, 12.3270

Conversions

Conversions Part 2

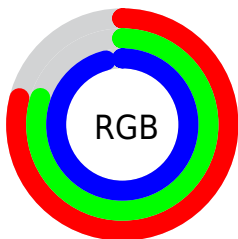
Format	Color
R_{YB}	202, 204, 245
Decimal	13290741
CIE _{Lab}	83.09, 7.51, -20.34
CIE _{LCh}	83, 21.681, 290.279
Yxy	62.3347, 0.2839, 0.2835
Android (android.graphics.Color)	4291480821 (0xFFCACCFF5)
YUV	208.0760, 18.2035, -5.3287
Hunter-Lab	78.9523, 2.9780, -16.1568

Details

The YIQ color $208.0760, -14.3530, 12.3270$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $238.9240, 14.3530, -12.3270$, 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 $153.5490, -14.3070, 11.4930$ is the 20% darker color. If you saturate the color by 10%, you get $187.3990, -22.3320, 19.2680$, and if you desaturate by 10%, it is $229.0520, -5.7780, 5.5980$.

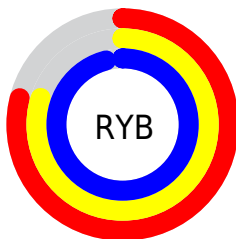
Distribution



Red (79%)

Green (80%)

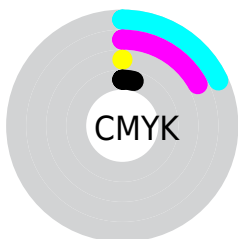
Blue (96%)



Red (79%)

Yellow (80%)

Blue (96%)

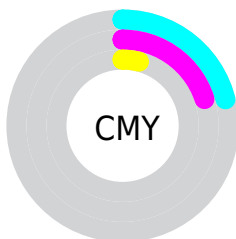


Cyan (18%)

Magenta (17%)

Yellow (0%)

Black (4%)



Cyan (21%)

Magenta (20%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.0760, -14.3530, 12.3270 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 208.0760, -14.3530, 12.3270 by changing the saturation by 10% instead.

■ 208.0760,
-14.3530, 12.3270

■ 208.0760,
-14.3530, 12.3270

255.0000, -0.0000,
-0.0000

■ 180.5490,
-14.3070, 11.4930

■ 153.5490,
-14.3070, 11.4930

■ 127.4350,
-13.9860, 11.1820

■ 102.2070,
-13.3440, 10.5600

■ 78.0930, -13.0230,
10.2490

■ 55.1530, -13.2520,
8.8920

■ 33.3270, -13.8020,

7.8460

■ 10.1530, -13.2520,
8.8920

■ 2.6390, -6.0530,
5.0750

■ 208.0760,
-14.3530, 12.3270

■ 208.0760,
-14.3530, 12.3270

■ 187.3990,
-22.3320, 19.2680

■ 229.0520, -5.7780,
5.5980

■ 165.8360,
-30.6320, 26.5200

■ 250.3160, 1.9260,
-1.8660

■ 145.1590,
-38.6110, 33.4610

■ 253.8600, 3.2100,
-3.1100

■ 124.1830,
-47.1860, 40.1900

■ 102.9190,
-54.8900, 47.6540

■ 81.9430, -63.4650,
54.3830

■ 60.6790, -71.1690,
61.8470

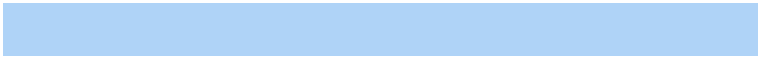
■ 39.7030, -79.7440,
68.5760

■ 34.3870, -81.6700,
70.4420

Harmonies

Analogous

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



204.3400, -33.0120, 3.5640



208.0760, -14.3530, 12.3270



210.0740, 6.3240, 17.5560

Triad

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



208.0760, -14.3530, 12.3270



208.6590, 34.7530, 3.4330



199.6880, -26.0850, -17.3570

Complementary

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



208.0760, -14.3530, 12.3270



238.9240, 14.3530, -12.3270

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.



202.0400, -6.6450, -17.2450



208.0760, -14.3530, 12.3270



206.6700, 27.0520, -5.6840

Square

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



208.0760, -14.3530, 12.3270



210.1570, 33.6510, 12.3950



204.7280, 11.9690, -13.1750



199.0810, -40.2530, -13.8930

Rectangle

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



208.0760, -14.3530, 12.3270



210.5330, 18.1530, 17.9370



204.7280, 11.9690, -13.1750



200.7980, -20.5830, -17.9510

Sweetspot

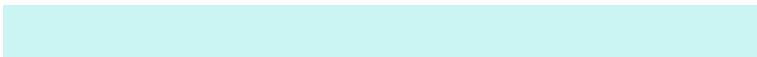
The Sweet Spot groups the original color and five complimentary colors.



208.0760, -14.3530, 12.3270



244.0690, -4.4480, 3.5200



231.9150, -24.9860, -9.7380



120.9120, -2.5680, 2.4880



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.



208.0760, -14.3530, 12.3270



208.9170, -18.1590, 15.2250



212.5830, -2.4790, 17.4010



111.9550, -4.1270, 3.2090



26.4870, -62.1810, 53.1390



8.4870, -19.7640, 16.7800

Inverse Universe

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



215.0850, 24.9860, 9.7380



217.4880, 31.2210, 12.3810



234.4170, 2.4790, -17.4010



113.7020, 6.8310, 2.8550



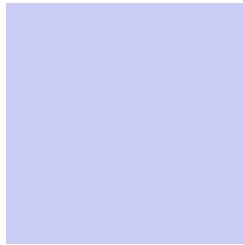
56.6400, 107.9670, 42.2310



17.9830, 34.2010, 13.4410

Previews

White Background



This preview shows how the YIQ color 208.0760, -14.3530, 12.3270 looks on a white background.

Color Contrast Check

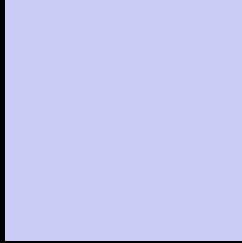
Large Text (above 18pt) WCAG AA × Fail

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 208.0760, -14.3530, 12.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

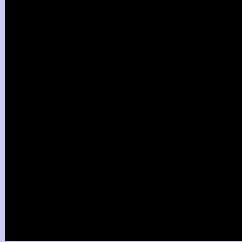
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.0760, -14.3530, 12.3270

Background



This preview shows how black text looks on a background with the YIQ color 208.0760, -14.3530, 12.3270.



This preview shows how white text looks on a background with the YIQ color 208.0760, -14.3530,

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

208.0760, -14.3530, 12.3270

Protanopia

207.5810, -17.3330, 11.2670

Deuteranopia

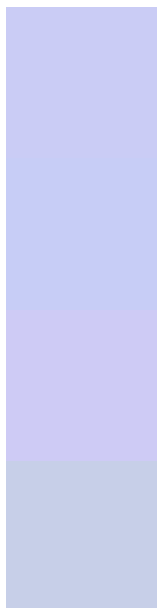
208.6960, -10.2270, 14.6450



Tritanopia

206.8340, -11.0960, 2.8560

Trichromacy



Original Color

208.0760, -14.3530, 12.3270

Protanomaly

207.8800, -16.7370, 11.4790

Deuteranomaly

208.6850, -11.6940, 13.6980

Tritanomaly

207.4580, -12.7930, 6.0790

Monochromacy



Original Color

208.0760, -14.3530, 12.3270

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.2970, -5.0900, 4.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.0760, -14.3530, 12.3270 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, 204, 245)` looks like.

```
.text, #text, p{  
    color:rgb(202, 204, 245)  
}
```

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, 204, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 204, 245) }
```

Border

The CSS property to change the border of an element to YIQ 208.0760, -14.3530, 12.3270 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, 204, 245) }
```


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

```
.border{ border-color:rgb(202, 204, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 204, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 204, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 204, 245);  
box-shadow:4px 4px 4px 4px rgb(202, 204,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 208.0760, -14.3530, 12.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 204, 245) }
```

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

```
.background{ background-color: rgb(202,  
204, 245) }
```

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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