

Converting Colors

YIQ(208.1320, -8.7590, 10.0650)

Have a look what the booklet for
YIQ(208.1320, -8.7590, 10.0650)
contains.

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Color

**YIQ(208.1320, -8.7590,
10.0650)**

Conversions

Conversions Part 1

Format	Color
Hex	CECCEB
RGB	206, 204, 235
RGB Percent	81%, 80%, 92%
CMY	0.1921, 0.2000, 0.0785
CMYK	0.12, 0.13, 0.00, 0.08
HSL	244°, 44%, 86%
HSV	244°, 13%, 92%
XYZ	62.0412, 62.3054, 87.3421
YIQ	208.1320, -8.7590, 10.0650

Conversions

Conversions Part 2

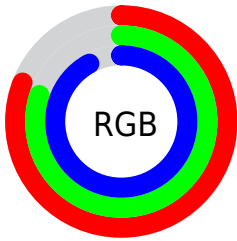
Format	Color
R _Y B	206, 204, 235
Decimal	13552875
CIE Lab	83.08, 6.68, -15.01
CIE LCh	83, 16.429, 293.983
Yxy	62.3054, 0.2931, 0.2943
Android (android.graphics.Color)	4291742955 (0xFFCECCEB)
YUV	208.1320, 13.2459, -1.8698
Hunter-Lab	78.9337, 2.1654, -10.3522

Details

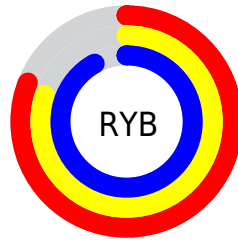
The YIQ color $208.1320, -8.7590, 10.0650$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $230.8680, 8.7590, -10.0650$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $153.9040, -8.1170, 9.4430$ is the 20% darker color. If you saturate the color by 10%, you get $188.0530, -15.5460, 17.4300$, and if you desaturate by 10%, it is $228.7980, -2.2470, 2.1770$.

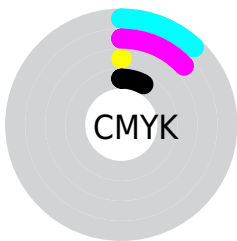
Distribution



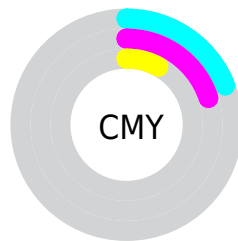
- Red (81%)
- Green (80%)
- Blue (92%)



- Red (81%)
- Yellow (80%)
- Blue (92%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.1320, -8.7590, 10.0650 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 208.1320, -8.7590, 10.0650 by changing the saturation by 10% instead.

■ 208.1320, -8.7590,
10.0650

■ 208.1320, -8.7590,
10.0650

255.0000, -0.0000,
-0.0000

■ 180.7190, -9.0340,
9.5420

■ 153.9040, -8.1170,
9.4430

■ 127.7900, -7.7960,
9.1320

■ 102.3770, -8.0710,
8.6090

■ 78.2630, -7.7500,
8.2980

■ 55.7360, -7.7040,
7.4640

■ 34.2090, -7.6580,

6.6300

■ 11.4480, -6.8330,
8.1990

■ 0.7980, -2.2470,
2.1770

■ 208.1320, -8.7590,
10.0650

■ 208.1320, -8.7590,
10.0650

■ 188.0530,
-15.5460, 17.4300

■ 228.7980, -2.2470,
2.1770

■ 167.3870,
-22.0580, 25.3180

■ 248.8770, 4.5400,
-5.1880

■ 147.3080,
-28.8450, 32.6830

■ 252.7200, 6.4200,
-6.2200

■ 126.6420,
-35.3570, 40.5710

■ 106.5630,
-42.1440, 47.9360

■ 85.8970, -48.6560,
55.8240

■ 65.8180, -55.4430,
63.1890

■ 45.1520, -61.9550,
71.0770

■ 31.2750, -66.4950,
76.2650

Harmonies

Analogous

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



205.3150, -22.6960, 3.8320



208.1320, -8.7590, 10.0650



209.4390, 6.5540, 13.3860

Triad

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



208.1320, -8.7590, 10.0650



208.4130, 26.6380, 1.8220



201.9600, -20.8590, -12.9470

Complementary

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



208.1320, -8.7590, 10.0650



230.8680, 8.7590, -10.0650

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.



203.2620, -7.1500, -13.5980



208.1320, -8.7590, 10.0650



207.0760, 20.0370, -5.2030

Square

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



208.1320, -8.7590, 10.0650



209.6290, 26.2700, 8.4940



205.2700, 7.5670, -10.4890



201.6910, -30.1670, -9.4550

Rectangle

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



208.1320, -8.7590, 10.0650



209.9300, 15.3570, 13.5410



205.2700, 7.5670, -10.4890



201.9990, -16.5950, -13.1310

Sweetspot

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



208.1320, -8.7590, 10.0650



246.1400, -3.2100, 3.1100



224.5570, -17.9260, -5.5260



122.0970, -1.6510, 2.3890



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.



208.1320, -8.7590, 10.0650



219.5710, -11.3730, 13.3870



212.6170, 0.1810, 13.2450



107.2540, -3.5310, 3.4210



24.2220, -50.9490, 58.8350



7.0530, -15.5460, 17.4300

Inverse Universe

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



216.5750, 9.1670, 15.5910



230.5910, 12.2380, 20.5100



226.3830, -0.1810, -13.2450



110.5430, 3.0250, 5.7530



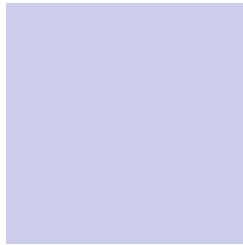
73.3850, 53.6270, 90.9310



21.8460, 16.1340, 26.9980

Previews

White Background



This preview shows how the YIQ color 208.1320, -8.7590, 10.0650 looks on a white background.

Color Contrast Check

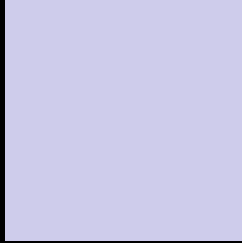
Large Text (above 18pt) WCAG AA × Fail

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 208.1320, -8.7590, 10.0650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

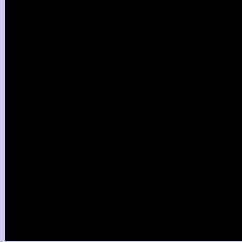
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.1320, -8.7590, 10.0650

Background



This preview shows how black text looks on a background with the YIQ color 208.1320, -8.7590, 10.0650.



This preview shows how white text looks on a background with the YIQ color 208.1320, -8.7590,

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

208.1320, -8.7590, 10.0650

Protanopia

207.6370, -11.7390, 9.0050

Deuteranopia

209.0510, -4.0370, 12.5950



Tritanopia

207.2260, -6.3280, 4.5520

Trichromacy



Original Color

208.1320, -8.7590, 10.0650

Protanomaly

207.9360, -11.1430, 9.2170

Deuteranomaly

208.7410, -6.1000, 11.4360

Tritanomaly

207.5080, -7.0620, 6.8420

Monochromacy



Original Color

208.1320, -8.7590, 10.0650

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.2540, -3.5310, 3.4210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.1320, -8.7590, 10.0650 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(206, 204, 235)` looks like.

```
.text, #text, p{  
    color:rgb(206, 204, 235)  
}
```

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(206, 204, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 204, 235) }
```

Border

The CSS property to change the border of an element to YIQ 208.1320, -8.7590, 10.0650 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(206, 204, 235) }
```


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

```
.border{ border-color:rgb(206, 204, 235) }
```

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

Here you see how a box with a 4 pixel rgb(206, 204, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 204, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 204, 235);  
box-shadow:4px 4px 4px 4px rgb(206, 204,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 208.1320, -8.7590, 10.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 204, 235) }
```

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

```
.background{ background-color: rgb(206,  
204, 235) }
```

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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