

Converting Colors

YIQ(208.8280, 14.2630,
-21.7130)

Have a look what the booklet for
YIQ(208.8280, 14.2630, -21.7130)
contains.

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Color

**YIQ(208.8280, 14.2630,
-21.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DB9C
RGB	209, 219, 156
RGB Percent	82%, 86%, 61%
CMY	0.1805, 0.1411, 0.3881
CMYK	0.05, 0.00, 0.29, 0.14
HSL	70°, 47%, 74%
HSV	70°, 29%, 86%
XYZ	57.6255, 66.6193, 41.2860
YIQ	208.8280, 14.2630, -21.7130

Conversions

Conversions Part 2

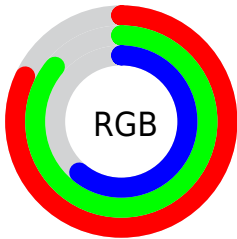
Format	Color
RYB	156, 219, 166
Decimal	13753244
CIELab	85.31, -13.50, 29.92
CIELCh	85, 32.822, 114.293
Yxy	66.6193, 0.3481, 0.4025
Android (android.graphics.Color)	4291943324 (0xFFD1DB9C)
YUV	208.8280, -26.0442, 0.1508
Hunter-Lab	81.6207, -16.8122, 27.1439

Details

The YIQ color **208.8280, 14.2630, -21.7130** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **166.1720, -14.2630, 21.7130**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.9840, 14.1240, -13.6840**, and **154.1700, 13.3000, -20.7800** is the 20% darker color. If you saturate the color by 10%, you get **205.1240, 18.9410, -29.4030**, and if you desaturate by 10%, it is **212.2330, 8.9890, -14.2350**.

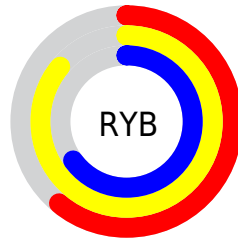
Distribution



Red (82%)

Green (86%)

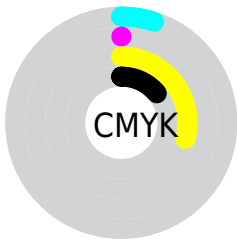
Blue (61%)



Red (61%)

Yellow (86%)

Blue (65%)

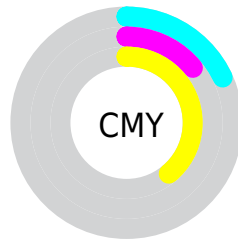


Cyan (5%)

Magenta (0%)

Yellow (29%)

Black (14%)



Cyan (18%)

Magenta (14%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.8280, 14.2630, -21.7130 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 208.8280, 14.2630, -21.7130 by changing the saturation by 10% instead.

■ 208.8280, 14.2630,
-21.7130

■ 208.8280, 14.2630,
-21.7130

255.0000, -0.0000,
-0.0000

■ 181.0560, 13.6210,
-21.0910

■ 249.9840, 14.1240,
-13.6840

■ 154.1700, 13.3000,
-20.7800

■ 253.1760, 5.1360,
-4.9760

■ 127.9850, 12.3830,
-20.6810

■ 102.6260, 12.0160,
-19.5360

■ 78.4410, 11.0990,
-19.4370

■ 55.0280, 10.8240,
-19.9600

■ 34.5100, 6.6510,

-15.9170

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 208.8280, 14.2630,
-21.7130

■ 208.8280, 14.2630,
-21.7130

■ 205.1240, 18.9410,
-29.4030

■ 212.2330, 8.9890,
-14.2350

■ 201.7190, 24.2150,
-36.8810

■ 215.9370, 4.3110,
-6.5450

■ 198.3140, 29.4890,
-44.3590

■ 219.3420, -0.9630,
0.9330

■ 194.6100, 34.1670,
-52.0490

■ 223.0460, -5.6410,
8.6230

■ 191.3190, 39.1200,
-59.2160

■ 225.1970, -7.3840,
12.6800

■ 187.6150, 43.7980,
-66.9060

■ 226.3930, -5.0000,
13.5280

■ 184.2100, 49.0720,
-74.3840

■ 227.2900, -3.2120,
14.1640

■ 183.5690, 49.4390,
-75.5290

■ 228.4860, -0.8280,
15.0120

■ 229.3830, 0.9600,
15.6480

Harmonies

Analogous

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



212.0700, 37.3690, -10.9430



208.8280, 14.2630, -21.7130



204.4530, -15.5380, -26.7860

Triad

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



208.8280, 14.2630, -21.7130



200.0040, -67.7170, -11.7570



213.4420, 28.8350, 22.5870

Complementary

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



208.8280, 14.2630, -21.7130



166.1720, -14.2630, 21.7130

Split Complementary

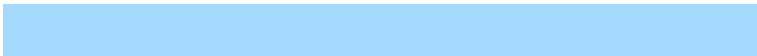
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.9920, 12.7870, 27.0830



208.8280, 14.2630, -21.7130



206.3710, -43.4650, 0.2710

Square

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



208.8280, 14.2630, -21.7130



197.4240, -69.3200, -21.2560



213.3690, -13.6200, 15.5640



210.4950, 38.5110, 12.4230

Rectangle

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



208.8280, 14.2630, -21.7130



201.5030, -36.1700, -27.3220



213.3690, -13.6200, 15.5640



215.2830, 25.0290, 25.4850

Sweetspot

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



208.8280, 14.2630, -21.7130



251.1820, 4.9990, -8.0010



180.1200, 35.0730, 8.6490



125.3930, 3.0270, -5.3010



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.



208.8280, 14.2630, -21.7130



240.6680, 20.2250, -30.6470



199.5590, -4.2130, -28.2850



108.1480, 2.3390, -3.8450



145.2050, 39.4410, -59.5270



38.6630, 10.5940, -15.7900

Inverse Universe

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



166.1720, -14.2630, 21.7130



180.3320, -20.2250, 30.6470



175.4410, 4.2130, 28.2850



100.5530, -2.9350, 3.6330



28.0940, -38.8450, 59.7390



7.3370, -10.5940, 15.7900

Previews

White Background



This preview shows how the YIQ color 208.8280, 14.2630, -21.7130 looks on a white background.

Color Contrast Check

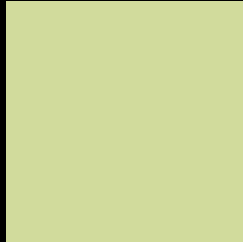
Large Text (above 18pt) WCAG AA × Fail

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 208.8280, 14.2630, -21.7130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

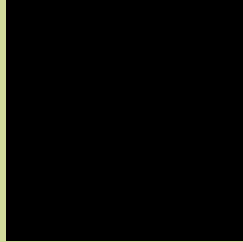
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

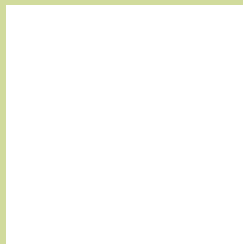
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 208.8280, 14.2630, -21.7130

Background



This preview shows how black text looks on a background with the YIQ color 208.8280, 14.2630, -21.7130.



This preview shows how white text looks on a background with the YIQ color 208.8280, 14.2630, -21.7130.

-21.7130.

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

208.8280, 14.2630, -21.7130

Protanopia

210.9440, 28.7960, -15.2680

Deuteranopia

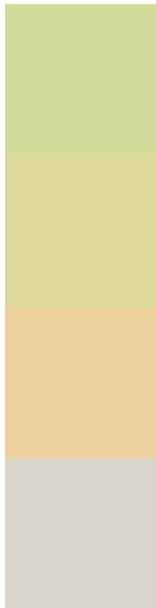
212.9230, 42.4570, -4.0310



Tritanopia

214.2160, -0.3680, 6.6720

Trichromacy



Original Color

208.8280, 14.2630, -21.7130

Protanomaly

210.1390, 23.7530, -17.4870

Deuteranomaly

211.2590, 32.4630, -10.1370

Tritanomaly

212.2300, 5.0440, -3.3080

Monochromacy



Original Color

208.8280, 14.2630, -21.7130

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1820, 4.9990, -8.0010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.8280, 14.2630, -21.7130 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(209, 219, 156)` looks like.

```
.text, #text, p{  
    color:rgb(209, 219, 156)  
}
```

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(209, 219, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 219, 156) }
```

Border

The CSS property to change the border of an element to YIQ 208.8280, 14.2630, -21.7130 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(209, 219, 156) }
```


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

```
.border{ border-color:rgb(209, 219, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 219, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 219, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 219, 156);  
box-shadow:4px 4px 4px 4px rgb(209, 219,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 208.8280, 14.2630, -21.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 219, 156) }
```

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

```
.background{ background-color: rgb(209,  
219, 156) }
```

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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