

Converting Colors

YIQ(217.2050, -20.1710,
-14.4030)

Have a look what the booklet for
YIQ(217.2050, -20.1710, -14.4030)
contains.

YIQ(217.2050, -20.1710, -14.4030)	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(217.2050, -20.1710,
-14.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE8D7
RGB	189, 232, 215
RGB Percent	74%, 91%, 84%
CMY	0.2589, 0.0901, 0.1569
CMYK	0.19, 0.00, 0.07, 0.09
HSL	156°, 48%, 83%
HSV	156°, 19%, 91%
XYZ	62.1044, 73.4439, 75.1813
YIQ	217.2050, -20.1710, -14.4030

Conversions

Conversions Part 2

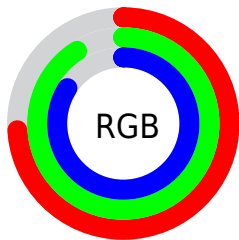
Format	Color
RYB	189, 216, 232
Decimal	12445911
CIELab	88.66, -17.24, 3.67
CIELCh	89, 17.629, 167.969
Yxy	73.4439, 0.2947, 0.3485
Android (android.graphics.Color)	4290635991 (0xFFBDE8D7)
YUV	217.2050, -1.0871, -24.7358
Hunter-Lab	85.6994, -20.6193, 7.9764

Details

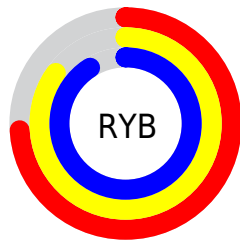
The YIQ color **217.2050, -20.1710, -14.4030** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **203.7950, 20.1710, 14.4030**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.3090, -5.3640, -1.9080**, and **161.9170, -19.3000, -13.6680** is the 20% darker color. If you saturate the color by 10%, you get **209.3020, -30.9900, -22.0780**, and if you desaturate by 10%, it is **225.1080, -9.3520, -6.7280**.

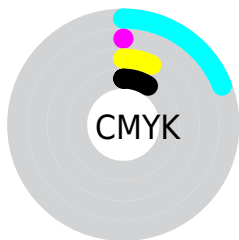
Distribution



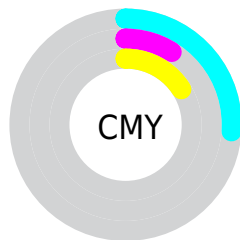
- Red (74%)
- Green (91%)
- Blue (84%)



- Red (74%)
- Yellow (85%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (26%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.2050, -20.1710, -14.4030 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 217.2050, -20.1710, -14.4030 by changing the saturation by 10% instead.

■ 217.2050,
-20.1710, -14.4030

■ 217.2050,
-20.1710, -14.4030

■ 255.0000, -0.0000,
-0.0000

■ 189.5040,
-19.5750, -14.1910

■ 252.3090, -5.3640,
-1.9080

■ 161.9170,
-19.3000, -13.6680

■ 135.9170,
-19.3000, -13.6680

■ 110.3300,
-19.0250, -13.1450

■ 85.7430, -18.7500,
-12.6220

■ 62.0420, -18.1540,
-12.4100

■ 38.9710, -19.3920,

-12.0000

■ 20.3630, -14.6240,
-10.3040

■ 0.0000, 0.0000,
0.0000

■ 217.2050,
-20.1710, -14.4030

■ 217.2050,
-20.1710, -14.4030

■ 209.3020,
-30.9900, -22.0780

■ 225.1080, -9.3520,
-6.7280

■ 201.3990,
-41.8090, -29.7530

■ 233.0110, 1.4670,
0.9470

■ 193.0830,
-52.9030, -37.9510

■ 240.1310, 10.1770,
8.2970

■ 185.1800,
-63.7220, -45.6260

■ 241.1570, 7.2880,
11.0960

■ 177.2770,
-74.5410, -53.3010

■ 241.4990, 6.3250,
12.0290

■ 169.3740,
-85.3600, -60.9760

■ 161.4710,
-96.1790, -68.6510

■ 153.2690,
-107.5940, -76.5380

■ 152.1440,
-108.7400, -77.7960

Harmonies

Analogous

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



218.8170, -4.3990, -13.8950



217.2050, -20.1710, -14.4030



216.4520, -30.9920, -11.0240

Triad

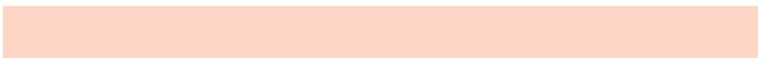
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.2050, -20.1710, -14.4030



223.5660, -12.9770, 9.4150



224.4350, 29.5720, 3.7160

Complementary

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



217.2050, -20.1710, -14.4030



203.7950, 20.1710, 14.4030

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.



224.3840, 25.5820, 9.9500



217.2050, -20.1710, -14.4030



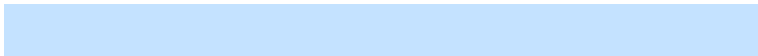
225.2970, 4.0780, 14.2060

Square

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



217.2050, -20.1710, -14.4030



220.3360, -27.1890, 2.6590



226.3110, 18.6580, 14.2900



222.8700, 23.6130, -3.9310

Rectangle

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



217.2050, -20.1710, -14.4030



217.1190, -34.2480, -7.0800



226.3110, 18.6580, 14.2900



224.4180, 28.2420, 5.7940

Sweetspot

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



217.2050, -20.1710, -14.4030



249.8310, -7.0140, -5.0460



219.3240, -1.6930, -18.8850



124.8530, -4.0800, -3.1520



0.0000, 0.0000, 0.0000



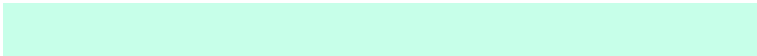
128.0000, -0.0000, -0.0000

Same Dimension

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



217.2050, -20.1710, -14.4030



235.7480, -26.3140, -18.7140



216.7950, -24.5280, -7.0240



110.8420, -5.5470, -4.0990



117.3850, -83.8930, -60.0290



33.4710, -23.9760, -17.0320

Inverse Universe

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



203.7950, 20.1710, 14.4030



218.2520, 26.3140, 18.7140



204.2050, 24.5280, 7.0240



107.1580, 5.5470, 4.0990



61.6150, 83.8930, 60.0290



17.5290, 23.9760, 17.0320

Previews

White Background



This preview shows how the YIQ color 217.2050, -20.1710, -14.4030 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 217.2050, -20.1710, -14.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

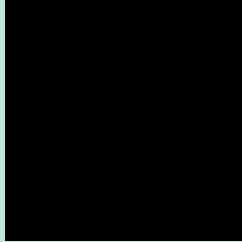
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

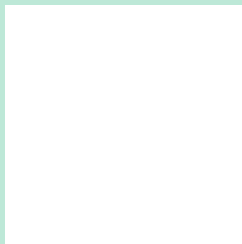
Any Text WCAG AAA ✓ Pass

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

YIQ 217.2050, -20.1710, -14.4030 Background



This preview shows how black text looks on a background with the YIQ color 217.2050, -20.1710, -14.4030.



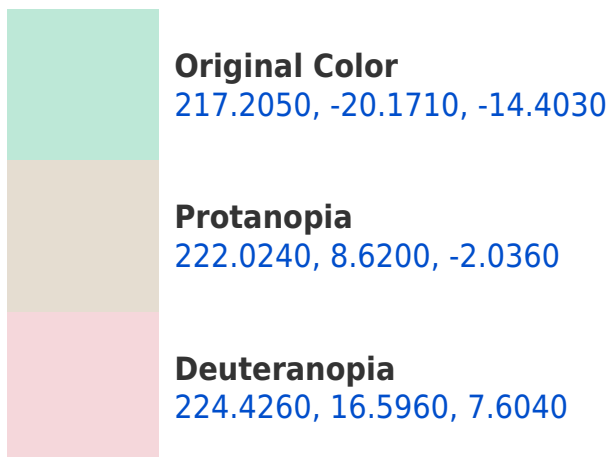
This preview shows how white text looks on a background with the YIQ color 217.2050, -20.1710, -14.4030.

-14.4030.

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





Tritanopia

219.5980, -25.1710, -0.8750

Trichromacy



Original Color

217.2050, -20.1710, -14.4030

Protanomaly

220.1150, -2.0620, -6.6860

Deuteranomaly

221.8540, 3.3470, -0.0850

Tritanomaly

218.9200, -23.3820, -5.7660

Monochromacy



Original Color

217.2050, -20.1710, -14.4030

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.8310, -7.0140, -5.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.2050, -20.1710, -14.4030 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(189, 232, 215)` looks like.

```
.text, #text, p{  
    color:rgb(189, 232, 215)  
}
```

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(189, 232, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 232, 215) }
```

Border

The CSS property to change the border of an element to YIQ 217.2050, -20.1710, -14.4030 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(189, 232, 215) }
```


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

```
.border{ border-color:rgb(189, 232, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 232, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 232, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 232, 215);  
box-shadow:4px 4px 4px 4px rgb(189, 232,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 217.2050, -20.1710, -14.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 232, 215) }
```

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

```
.background{ background-color: rgb(189,  
232, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor