

Converting Colors

YIQ(214.9020, 20.5870, -4.1570)

Have a look what the booklet for
YIQ(214.9020, 20.5870, -4.1570)
contains.

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Color

**YIQ(214.9020, 20.5870,
-4.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D4B9
RGB	232, 212, 185
RGB Percent	91%, 83%, 73%
CMY	0.0902, 0.1686, 0.2744
CMYK	0.00, 0.09, 0.20, 0.09
HSL	34°, 51%, 82%
HSV	34°, 20%, 91%
XYZ	65.5823, 67.7437, 55.5327
YIQ	214.9020, 20.5870, -4.1570

Conversions

Conversions Part 2

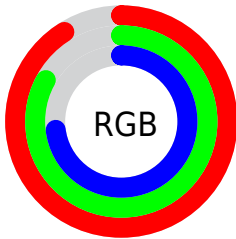
Format	Color
R_{YB}	220, 232, 185
Decimal	15258809
CIE _{Lab}	85.88, 2.70, 15.86
CIE _{LCh}	86, 16.086, 80.346
Yxy	67.7437, 0.3473, 0.3587
Android (android.graphics.Color)	4293448889 (0xFFE8D4B9)
YUV	214.9020, -14.7417, 14.9949
Hunter-Lab	82.3066, -1.8067, 17.6113

Details

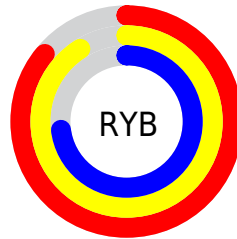
The YIQ color $214.9020, 20.5870, -4.1570$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $202.0980, -20.5870, 4.1570$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.4040, 4.4940, -4.3540$, and $159.8310, 19.3490, -3.7470$ is the 20% darker color. If you saturate the color by 10%, you get $206.4100, 30.7200, -6.0800$, and if you desaturate by 10%, it is $223.3940, 10.4540, -2.2340$.

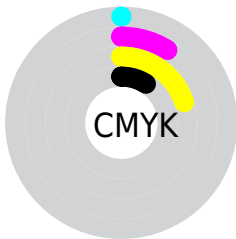
Distribution



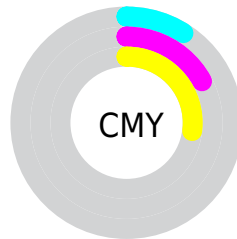
- Red (91%)
- Green (83%)
- Blue (73%)



- Red (86%)
- Yellow (91%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (9%)





- Cyan (9%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 214.9020, 20.5870, -4.1570 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 214.9020, 20.5870, -4.1570 by changing the saturation by 10% instead.


 214.9020, 20.5870,
-4.1570


 214.9020, 20.5870,
-4.1570


255.0000, -0.0000,
-0.0000


 187.0160, 20.2660,
-3.8460


 253.4040, 4.4940,
-4.3540

 159.8310, 19.3490,
-3.7470

 133.6460, 18.4320,
-3.6480

 108.3470, 17.8360,
-3.8600

 84.1620, 16.9190,
-3.7610

 60.6780, 15.4060,
-3.8740

 39.1940, 13.8930,

-3.9870

■ 18.6500, 12.6090,
-2.7430

■ 0.0000, 0.0000,
0.0000

■ 214.9020, 20.5870,
-4.1570

■ 214.9020, 20.5870,
-4.1570

■ 206.4100, 30.7200,
-6.0800

■ 223.3940, 10.4540,
-2.2340

■ 197.9180, 40.8530,
-8.0030

■ 231.8860, 0.3210,
-0.3110

■ 189.3120, 51.3070,
-10.2370

■ 240.4920,
-10.1330, 1.9230

■ 180.8200, 61.4400,
-12.1600

■ 246.3620,
-12.8830, -3.3070

■ 172.9150, 71.2980,
-14.6060

■ 248.1230,
-13.7080, -4.8760

■ 164.4230, 81.4310,
-16.5290

■ 155.9310, 91.5640,
-18.4520

■ 147.4390,
101.6970, -20.3750

Harmonies

Analogous

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



216.0540, 26.2710, 2.9670



214.9020, 20.5870, -4.1570



213.1670, 9.3550, -9.8530

Triad

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



214.9020, 20.5870, -4.1570



209.7620, -28.9290, -9.8650



217.5420, 4.7660, 12.7500

Complementary

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



214.9020, 20.5870, -4.1570



202.0980, -20.5870, 4.1570

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.



216.1210, -10.2260, 9.1180



214.9020, 20.5870, -4.1570



210.9670, -30.7640, -4.1400

Square

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



214.9020, 20.5870, -4.1570



209.4440, -19.3460, -12.8340



213.4890, -23.2460, 2.7860



218.0720, 17.8330, 12.7210

Rectangle

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



214.9020, 20.5870, -4.1570



211.9100, -0.2270, -12.4110



213.4890, -23.2460, 2.7860



216.7910, -0.3690, 12.1990

Sweetspot

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



214.9020, 20.5870, -4.1570



249.1810, 6.7400, -1.0040



201.3330, 21.5920, 16.1840



124.6260, 3.9890, -0.7070



0.0000, 0.0000, 0.0000



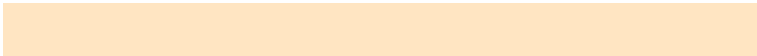
128.0000, -0.0000, -0.0000

Same Dimension

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



214.9020, 20.5870, -4.1570



232.7840, 26.7310, -5.3730



225.7450, 13.2990, -15.2530



110.6970, 5.2270, -1.1170



113.3950, 78.6340, -15.3980



32.2720, 22.4210, -4.3550

Inverse Universe

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



202.0980, -20.5870, 4.1570



216.2160, -26.7310, 5.3730



191.2550, -13.2990, 15.2530



107.3030, -5.2270, 1.1170



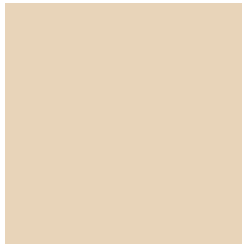
65.0180, -78.3590, 15.9210



18.7280, -22.4210, 4.3550

Previews

White Background



This preview shows how the YIQ color 214.9020, 20.5870, -4.1570 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 214.9020, 20.5870, -4.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

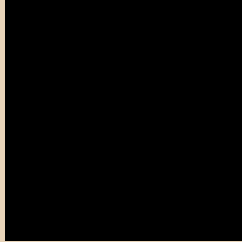
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

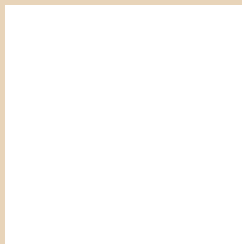
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 214.9020, 20.5870, -4.1570

Background



This preview shows how black text looks on a background with the YIQ color 214.9020, 20.5870, -4.1570.



This preview shows how white text looks on a background with the YIQ color 214.9020, 20.5870,

-4.1570.

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

214.9020, 20.5870, -4.1570

Protanopia

214.0970, 15.5440, -6.3760

Deuteranopia

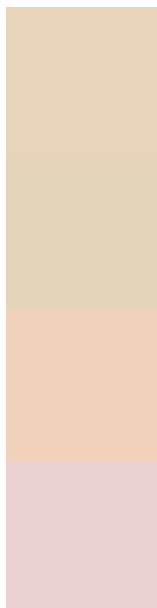
216.2670, 29.9850, 1.7370



Tritanopia

217.7940, 12.7440, 11.3360

Trichromacy



Original Color

214.9020, 20.5870, -4.1570

Protanomaly

214.4070, 17.6070, -5.2170

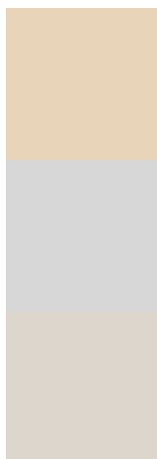
Deuteranomaly

215.9460, 26.4550, -0.3690

Tritanomaly

216.7740, 15.4960, 5.5120

Monochromacy



Original Color

214.9020, 20.5870, -4.1570

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.9530, 7.3820, -1.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.9020, 20.5870, -4.1570 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(232, 212, 185)` looks like.

```
.text, #text, p{  
    color:rgb(232, 212, 185)  
}
```

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(232, 212, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 212, 185) }
```

Border

The CSS property to change the border of an element to YIQ 214.9020, 20.5870, -4.1570 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(232, 212, 185) }
```


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

```
.border{ border-color:rgb(232, 212, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 212, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 212, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 212, 185); box-shadow:4px 4px 4px 4px rgb(232, 212, 185) }
```

Background

The CSS property to change the background color of an element to YIQ 214.9020, 20.5870, -4.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 212, 185) }
```

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

```
.background{ background-color: rgb(232,  
212, 185) }
```

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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