

Converting Colors

YIQ(214.4760, 21.1860,
-20.5260)

Have a look what the booklet for
YIQ(214.4760, 21.1860, -20.5260)
contains.

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Color

**YIQ(214.4760, 21.1860,
-20.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDE9C
RGB	222, 222, 156
RGB Percent	87%, 87%, 61%
CMY	0.1295, 0.1294, 0.3881
CMYK	0.00, 0.00, 0.30, 0.13
HSL	60°, 50%, 74%
HSV	60°, 30%, 87%
XYZ	62.2459, 70.1719, 41.7316
YIQ	214.4760, 21.1860, -20.5260

Conversions

Conversions Part 2

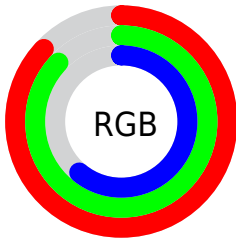
Format	Color
RYB	156, 222, 156
Decimal	14605980
CIELab	87.08, -10.11, 32.45
CIElCh	87, 33.987, 107.307
Yxy	70.1719, 0.3574, 0.4029
Android (android.graphics.Color)	4292796060 (0xFFDEDE9C)
YUV	214.4760, -28.8287, 6.5985
Hunter-Lab	83.7687, -13.9573, 29.1011

Details

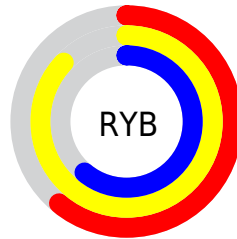
The YIQ color $214.4760, 21.1860, -20.5260$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $163.5240, -21.1860, 20.5260$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.9840, 14.1240, -13.6840$, and $159.5190, 19.6270, -19.8050$ is the 20% darker color. If you saturate the color by 10%, you get $211.9680, 28.2480, -27.3680$, and if you desaturate by 10%, it is $216.9840, 14.1240, -13.6840$.

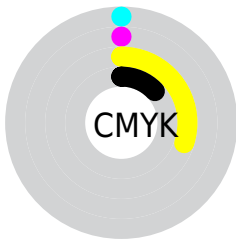
Distribution



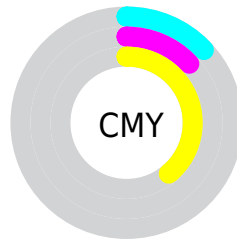
- Red (87%)
- Green (87%)
- Blue (61%)



- Red (61%)
- Yellow (87%)
- Blue (61%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.4760, 21.1860, -20.5260 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 214.4760, 21.1860, -20.5260 by changing the saturation by 10% instead.

■ 214.4760, 21.1860,
-20.5260

■ 214.4760, 21.1860,
-20.5260

■ 255.0000, -0.0000,
-0.0000

■ 186.7040, 20.5440,
-19.9040

■ 249.9840, 14.1240,
-13.6840

■ 159.5190, 19.6270,
-19.8050

■ 253.2900, 4.8150,
-4.6650

■ 133.3340, 18.7100,
-19.7060

■ 107.5620, 18.0680,
-19.0840

■ 83.0780, 16.5550,
-19.1970

■ 59.0780, 16.5550,
-19.1970

■ 38.3750, 11.4650,

-15.0550

■ 18.5620, 0.8730,
-10.3190

■ 0.0000, 0.0000,
0.0000

■ 214.4760, 21.1860,
-20.5260

■ 214.4760, 21.1860,
-20.5260

■ 211.9680, 28.2480,
-27.3680

■ 216.9840, 14.1240,
-13.6840

■ 209.4600, 35.3100,
-34.2100

■ 219.4920, 7.0620,
-6.8420

■ 206.8380, 42.6930,
-41.3630

■ 222.1140, -0.3210,
0.3110

■ 204.3300, 49.7550,
-48.2050

■ 224.6220, -7.3830,
7.1530

■ 201.8220, 56.8170,
-55.0470

■ 225.7620,
-10.5930, 10.2630

■ 199.3140, 63.8790,
-61.8890

■ 196.8060, 70.9410,
-68.7310

■ 196.6920, 71.2620,
-69.0420

Harmonies

Analogous

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



217.5870, 43.2830, -7.9890



214.4760, 21.1860, -20.5260



210.0470, -8.5230, -27.2670

Triad

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



214.4760, 21.1860, -20.5260



202.6180, -72.6220, -16.4780



217.8590, 23.2870, 24.0150

Complementary

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



214.4760, 21.1860, -20.5260



163.5240, -21.1860, 20.5260

Split Complementary

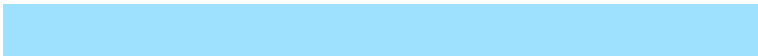
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.3720, 8.6610, 24.7650



214.4760, 21.1860, -20.5260



208.0880, -50.1580, -5.0860

Square

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



214.4760, 21.1860, -20.5260



201.9140, -67.9440, -24.1680



216.2710, -19.3960, 10.1080



213.5100, 34.1550, 14.2750

Rectangle

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



214.4760, 21.1860, -20.5260



207.0860, -30.6220, -28.7500



216.2710, -19.3960, 10.1080



220.2870, 19.2060, 26.3900

Sweetspot

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



214.4760, 21.1860, -20.5260



252.3780, 7.3830, -7.1530



175.7340, 39.3360, 13.9920



125.9910, 4.2190, -4.8770



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.



214.4760, 21.1860, -20.5260



244.5120, 29.5320, -28.6120



204.6090, 1.5180, -27.5220



110.7460, 3.5310, -3.4210



155.9360, 56.4960, -54.7360



42.5280, 15.4080, -14.9280

Inverse Universe

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



163.5240, -21.1860, 20.5260



173.4880, -29.5320, 28.6120



173.3910, -1.5180, 27.5220



102.2540, -3.5310, 3.4210



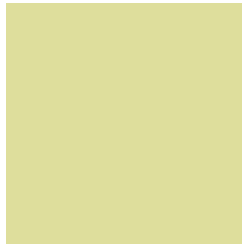
20.0640, -56.4960, 54.7360



5.4720, -15.4080, 14.9280

Previews

White Background



This preview shows how the YIQ color 214.4760, 21.1860, -20.5260 looks on a white background.

Color Contrast Check

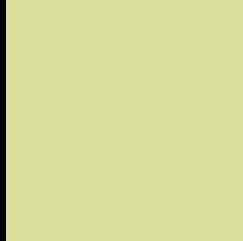
Large Text (above 18pt) WCAG AA × Fail

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 214.4760, 21.1860, -20.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

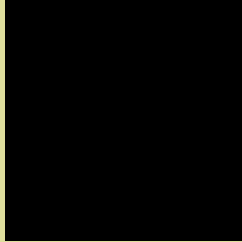
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

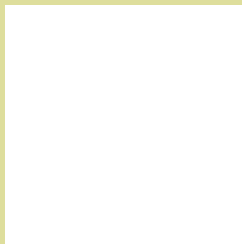
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 214.4760, 21.1860, -20.5260

Background



This preview shows how black text looks on a background with the YIQ color 214.4760, 21.1860, -20.5260.



This preview shows how white text looks on a background with the YIQ color 214.4760, 21.1860, -20.5260.

-20.5260.

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

214.4760, 21.1860, -20.5260

Protanopia

215.7870, 30.6760, -16.3000

Deuteranopia

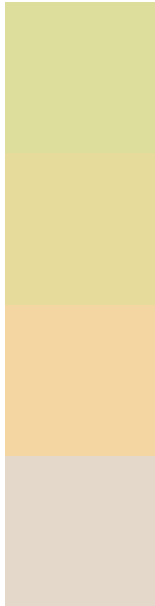
218.3250, 41.2650, -4.4550



Tritanopia

220.2060, 5.5920, 8.7920

Trichromacy



Original Color

214.4760, 21.1860, -20.5260

Protanomaly

214.9930, 27.1000, -17.5720

Deuteranomaly

216.7430, 33.9760, -10.0240

Tritanomaly

217.9920, 11.6460, -1.8100

Monochromacy



Original Color

214.4760, 21.1860, -20.5260

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.2640, 7.7040, -7.4640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.4760, 21.1860, -20.5260 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(222, 222, 156)` looks like.

```
.text, #text, p{  
    color:rgb(222, 222, 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(222, 222, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 222, 156) }
```

Border

The CSS property to change the border of an element to YIQ 214.4760, 21.1860, -20.5260 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(222, 222, 156) }
```


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

```
.border{ border-color:rgb(222, 222, 156) }
```

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

Here you see how a box with a 4 pixel rgb(222, 222, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 222, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 222, 156);  
box-shadow:4px 4px 4px 4px rgb(222, 222,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 214.4760, 21.1860, -20.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 222, 156) }
```

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

```
.background{ background-color: rgb(222,  
222, 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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