

Converting Colors

YIQ(217.8320, 17.6080,
-10.7440)

Have a look what the booklet for
YIQ(217.8320, 17.6080, -10.7440)
contains.

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Color

**YIQ(217.8320, 17.6080,
-10.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DCB4
RGB	228, 220, 180
RGB Percent	89%, 86%, 71%
CMY	0.1059, 0.1372, 0.2940
CMYK	0.00, 0.04, 0.21, 0.11
HSL	50°, 47%, 80%
HSV	50°, 21%, 89%
XYZ	65.8276, 70.9746, 53.4237
YIQ	217.8320, 17.6080, -10.7440

Conversions

Conversions Part 2

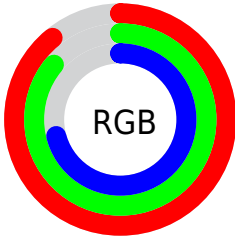
Format	Color
RYB	190, 228, 180
Decimal	14998708
CIELab	87.47, -3.63, 20.66
CIELCh	87, 20.972, 99.954
Yxy	70.9746, 0.3460, 0.3731
Android (android.graphics.Color)	4293188788 (0xFFE4DCB4)
YUV	217.8320, -18.6512, 8.9173
Hunter-Lab	84.2465, -7.9569, 21.3746

Details

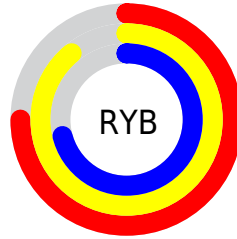
The YIQ color $217.8320, 17.6080, -10.7440$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $190.1680, -17.6080, 10.7440$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, 6.0990, -5.9090$, and $162.7610, 16.3700, -10.3340$ is the 20% darker color. If you saturate the color by 10%, you get $212.8620, 26.0910, -15.8050$, and if you desaturate by 10%, it is $222.8020, 9.1250, -5.6830$.

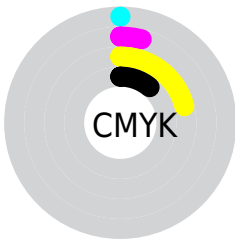
Distribution



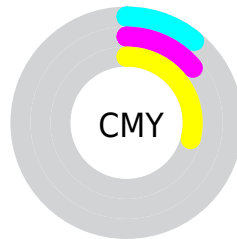
- Red (89%)
- Green (86%)
- Blue (71%)



- Red (75%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.8320, 17.6080, -10.7440 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 217.8320, 17.6080, -10.7440 by changing the saturation by 10% instead.

■ 217.8320, 17.6080,
-10.7440

■ 217.8320, 17.6080,
-10.7440

255.0000, -0.0000,
-0.0000

■ 189.9460, 17.2870,
-10.4330

■ 252.8340, 6.0990,
-5.9090

■ 162.7610, 16.3700,
-10.3340

■ 136.5760, 15.4530,
-10.2350

■ 110.8040, 14.8110,
-9.6130

■ 86.6190, 13.8940,
-9.5140

■ 63.4340, 12.9770,
-9.4150

■ 41.1350, 12.3810,

-9.6270

■ 20.9760, 8.5750,
-6.7290

■ 0.0000, 0.0000,
0.0000

■ 217.8320, 17.6080,
-10.7440

■ 217.8320, 17.6080,
-10.7440

■ 212.8620, 26.0910,
-15.8050

■ 222.8020, 9.1250,
-5.6830

■ 207.8920, 34.5740,
-20.8660

■ 227.7720, 0.6420,
-0.6220

■ 203.6230, 42.4610,
-26.1390

■ 232.0410, -7.2450,
4.6510

■ 198.6530, 50.9440,
-31.2000

■ 235.1870,
-10.5920, 4.7360

■ 193.6830, 59.4270,
-36.2610

■ 237.5350,
-11.6920, 2.6440

■ 188.7130, 67.9100,
-41.3220

■ 239.8830,
-12.7920, 0.5520

■ 183.7430, 76.3930,
-46.3830

■ 242.2310,
-13.8920, -1.5400

■ 179.7020, 83.6380,
-51.0340

■ 243.9920,
-14.7170, -3.1090

■ 246.3400,
-15.8170, -5.2010

Harmonies

Analogous

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



219.6320, 30.2150, -2.4330



217.8320, 17.6080, -10.7440



215.3890, -0.3180, -16.2700

Triad

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



217.8320, 17.6080, -10.7440



212.1720, -41.7670, -8.4790



223.1200, 17.8780, 17.4140

Complementary

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



217.8320, 17.6080, -10.7440



190.1680, -17.6080, 10.7440

Split Complementary

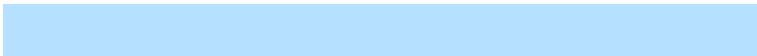
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.0130, -0.8740, 15.8460



217.8320, 17.6080, -10.7440



215.2640, -35.8540, 0.0020

Square

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



217.8320, 17.6080, -10.7440



211.7780, -35.0260, -15.0100



218.9180, -19.9000, 8.2280



220.8620, 27.2320, 13.0880

Rectangle

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



217.8320, 17.6080, -10.7440



213.9190, -13.6140, -17.5980



218.9180, -19.9000, 8.2280



222.7110, 11.7800, 17.7960

Sweetspot

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



217.8320, 17.6080, -10.7440



251.5290, 5.6400, -3.0960



195.3780, 25.7190, 12.9750



125.8000, 3.4390, -1.7530



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.



217.8320, 17.6080, -10.7440



241.2470, 23.5690, -14.1510



218.0430, 6.4680, -18.1080



112.4580, 4.4020, -2.6860



140.9840, 65.7090, -39.9790



39.9030, 18.8460, -11.1540

Inverse Universe

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



190.1680, -17.6080, 10.7440



204.7530, -23.5690, 14.1510



189.9570, -6.4680, 18.1080



105.5420, -4.4020, 2.6860



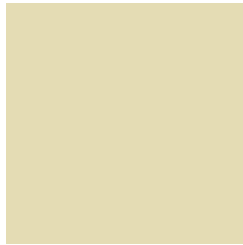
38.0160, -65.7090, 39.9790



11.0970, -18.8460, 11.1540

Previews

White Background



This preview shows how the YIQ color 217.8320, 17.6080, -10.7440 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 217.8320, 17.6080, -10.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

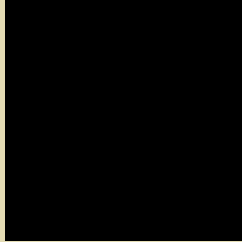
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

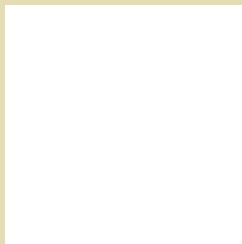
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.8320, 17.6080, -10.7440

Background



This preview shows how black text looks on a background with the YIQ color 217.8320, 17.6080, -10.7440.



This preview shows how white text looks on a background with the YIQ color 217.8320, 17.6080, -10.7440.

-10.7440.

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

217.8320, 17.6080, -10.7440

Protanopia

218.3270, 20.5880, -9.6840

Deuteranopia

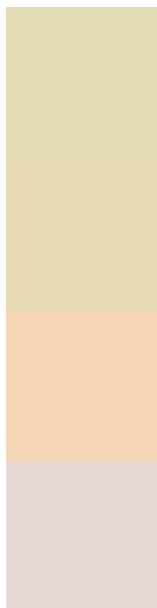
220.2520, 34.3410, -0.1150



Tritanopia

221.2170, 7.0590, 9.7390

Trichromacy



Original Color

217.8320, 17.6080, -10.7440

Protanomaly

218.0280, 19.9920, -9.8960

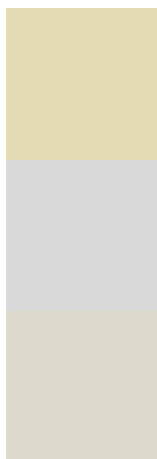
Deuteranomaly

219.2080, 28.4730, -3.9030

Tritanomaly

220.3280, 10.8200, 2.1480

Monochromacy



Original Color

217.8320, 17.6080, -10.7440

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.1870, 6.6030, -4.0290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.8320, 17.6080, -10.7440 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(228, 220, 180)` looks like.

```
.text, #text, p{  
    color:rgb(228, 220, 180)  
}
```

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(228, 220, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 220, 180) }
```

Border

The CSS property to change the border of an element to YIQ 217.8320, 17.6080, -10.7440 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(228, 220, 180) }
```


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

```
.border{ border-color:rgb(228, 220, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 220, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 220, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 220, 180);  
box-shadow:4px 4px 4px 4px rgb(228, 220,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 217.8320, 17.6080, -10.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 220, 180) }
```

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

```
.background{ background-color: rgb(228,  
220, 180) }
```

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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