

Converting Colors

YIQ(213.0700, 20.1740, -2.1780)

Have a look what the booklet for
YIQ(213.0700, 20.1740, -2.1780)
contains.

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Color

**YIQ(213.0700, 20.1740,
-2.1780)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E7D1BB |
| RGB | 231, 209, 187 |
| RGB Percent | 91%, 82%, 73% |
| CMY | 0.0941, 0.1804, 0.2666 |
| CMYK | 0.00, 0.10, 0.19, 0.09 |
| HSL | 30°, 48%, 82% |
| HSV | 30°, 19%, 91% |
| XYZ | 64.7287, 66.1758, 56.3893 |
| YIQ | 213.0700, 20.1740, -2.1780 |

Conversions

Conversions Part 2

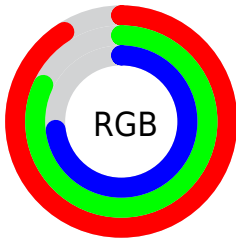
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 231, 231, 187 |
| Decimal | 15192507 |
| CIE Lab | 85.09, 4.19, 13.68 |
| CIE LCh | 85, 14.302, 72.979 |
| Yxy | 66.1758, 0.3456, 0.3533 |
| Android (android.graphics.Color) | 4293382587 (0xFFE7D1BB) |
| YUV | 213.0700, -12.8525, 15.7246 |
| Hunter-Lab | 81.3485, -0.3283, 15.8453 |

Details

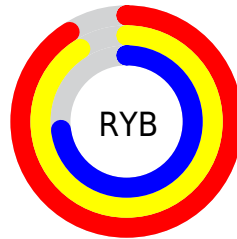
The YIQ color $213.0700, 20.1740, -2.1780$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $204.9300, -20.1740, 2.1780$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, 3.8520, -3.7320$, and $158.5860, 18.6610, -2.2910$ is the 20% darker color. If you saturate the color by 10%, you get $203.4040, 30.8570, -3.0550$, and if you desaturate by 10%, it is $222.7360, 9.4910, -1.3010$.

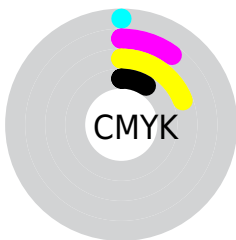
Distribution



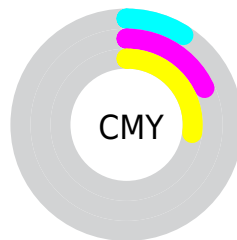
- Red (91%)
- Green (82%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (19%)
- Black (9%)





- Cyan (9%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 213.0700, 20.1740, -2.1780 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 213.0700, 20.1740, -2.1780 by changing the saturation by 10% instead.


 213.0700, 20.1740,
-2.1780


 213.0700, 20.1740,
-2.1780


255.0000, -0.0000,
-0.0000


 185.1840, 19.8530,
-1.8670


 253.6320, 3.8520,
-3.7320

 158.5860, 18.6610,
-2.2910

 132.4010, 17.7440,
-2.1920

 107.1020, 17.1480,
-2.4040

 82.9170, 16.2310,
-2.3050

 59.7320, 15.3140,
-2.2060

 37.3620, 13.4800,

-2.0080

■ 16.8890, 13.4340,
-1.1740

■ 0.0000, 0.0000,
0.0000

■ 213.0700, 20.1740,
-2.1780

■ 213.0700, 20.1740,
-2.1780

■ 203.4040, 30.8570,
-3.0550

■ 222.7360, 9.4910,
-1.3010

■ 194.3250, 41.2650,
-4.4550

■ 231.8150, -0.9170,
0.0990

■ 184.6590, 51.9480,
-5.3320

■ 241.3670,
-11.2790, 0.6650

■ 175.5800, 62.3560,
-6.7320

■ 247.8240,
-14.3040, -5.0880

■ 165.9140, 73.0390,
-7.6090

■ 156.7210, 83.7680,
-9.3200

■ 147.0550, 94.4510,
-10.1970

■ 137.3890,
105.1340, -11.0740

■ 136.5740,
106.0510, -11.1730

Harmonies

Analogous

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



214.3250, 24.0700, 4.3100



213.0700, 20.1740, -2.1780



211.1180, 11.0510, -7.5490

Triad

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



213.0700, 20.1740, -2.1780



208.1000, -24.0690, -9.8370



214.3350, 0.9150, 10.9550

Complementary

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



213.0700, 20.1740, -2.1780



204.9300, -20.1740, 2.1780

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.



213.2840, -12.2430, 7.1250



213.0700, 20.1740, -2.1780



208.5930, -26.7750, -4.8470

Square

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



213.0700, 20.1740, -2.1780



208.6080, -13.9360, -11.7600



210.7340, -22.5580, 1.3300



215.2070, 13.0190, 11.8590

Rectangle

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



213.0700, 20.1740, -2.1780



210.3450, 2.9820, -9.9940



210.7340, -22.5580, 1.3300



214.3560, -3.5780, 9.7820

Sweetspot

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



213.0700, 20.1740, -2.1780



248.5940, 7.0150, -0.4810



202.7780, 18.8410, 16.4810



124.0390, 4.2640, -0.1840



0.0000, 0.0000, 0.0000



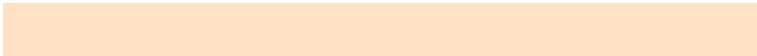
128.0000, -0.0000, -0.0000

Same Dimension

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



213.0700, 20.1740, -2.1780



231.2510, 26.9140, -3.1820



225.3970, 14.3990, -13.1610



110.1100, 5.5020, -0.5940



105.7640, 82.2090, -8.5990



29.9240, 23.5210, -2.2630

Inverse Universe

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



204.9300, -20.1740, 2.1780



220.3360, -27.1890, 2.6590



192.6030, -14.3990, 13.1610



107.8900, -5.5020, 0.5940



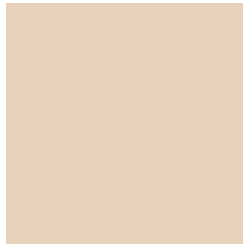
72.6490, -81.9340, 9.1220



21.0760, -23.5210, 2.2630

Previews

White Background



This preview shows how the YIQ color 213.0700, 20.1740, -2.1780 looks on a white background.

Color Contrast Check

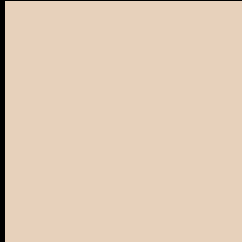
Large Text (above 18pt) WCAG AA × Fail

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 213.0700, 20.1740, -2.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

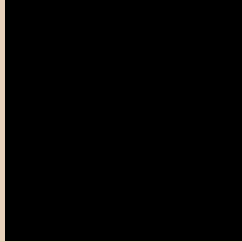
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.0700, 20.1740, -2.1780

Background



This preview shows how black text looks on a background with the YIQ color 213.0700, 20.1740, -2.1780.



This preview shows how white text looks on a background with the YIQ color 213.0700, 20.1740, -2.1780.

-2.1780.

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

213.0700, 20.1740, -2.1780

Protanopia

212.3680, 13.3430, -5.0330

Deuteranopia

214.1250, 27.5090, 2.5570



Tritanopia

215.0930, 13.3400, 11.5480

Trichromacy



Original Color

213.0700, 20.1740, -2.1780

Protanomaly

212.5640, 15.7270, -4.1850

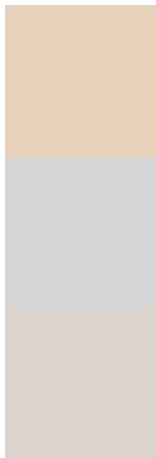
Deuteranomaly

213.5160, 24.8500, 1.1860

Tritanomaly

214.6000, 16.0460, 6.5580

Monochromacy



Original Color

213.0700, 20.1740, -2.1780

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.4800, 7.3360, -0.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.0700, 20.1740, -2.1780 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(231, 209, 187)` looks like.

```
.text, #text, p{  
    color:rgb(231, 209, 187)  
}
```

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(231, 209, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 209, 187) }
```

Border

The CSS property to change the border of an element to YIQ 213.0700, 20.1740, -2.1780 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(231, 209, 187) }
```


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

```
.border{ border-color:rgb(231, 209, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 209, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 209, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 209, 187);  
box-shadow:4px 4px 4px 4px rgb(231, 209,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 213.0700, 20.1740, -2.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 209, 187) }
```

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

```
.background{ background-color: rgb(231,  
209, 187) }
```

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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