

Converting Colors

YIQ(223.6700, 17.8840,
-15.7480)

Have a look what the booklet for
YIQ(223.6700, 17.8840, -15.7480)
contains.

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Color

**YIQ(223.6700, 17.8840,
-15.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E5B1
RGB	231, 229, 177
RGB Percent	91%, 90%, 69%
CMY	0.0941, 0.1019, 0.3058
CMYK	0.00, 0.01, 0.23, 0.09
HSL	58°, 53%, 80%
HSV	58°, 23%, 91%
XYZ	68.9104, 76.2013, 52.6862
YIQ	223.6700, 17.8840, -15.7480

Conversions

Conversions Part 2

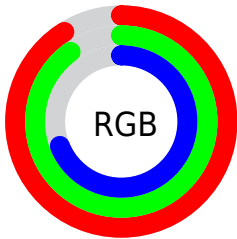
Format	Color
RYB	179, 231, 177
Decimal	15197617
CIELab	89.95, -7.51, 25.66
CIELCh	90, 26.739, 106.321
Yxy	76.2013, 0.3484, 0.3852
Android (android.graphics.Color)	4293387697 (0xFFE7E5B1)
YUV	223.6700, -23.0083, 6.4284
Hunter-Lab	87.2933, -11.8533, 25.3207

Details

The YIQ color $223.6700, 17.8840, -15.7480$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $184.3300, -17.8840, 15.7480$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.4920, 7.0620, -6.8420$, and $168.5990, 16.6460, -15.3380$ is the 20% darker color. If you saturate the color by 10%, you get $220.4610, 25.5420, -22.3780$, and if you desaturate by 10%, it is $226.8790, 10.2260, -9.1180$.

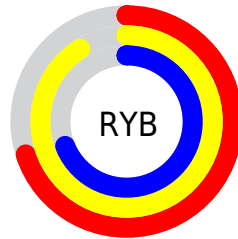
Distribution



Red (91%)

Green (90%)

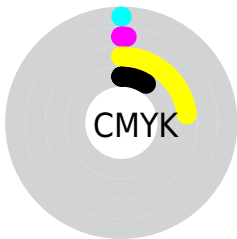
Blue (69%)



Red (70%)

Yellow (91%)

Blue (69%)

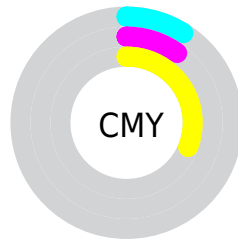


Cyan (0%)

Magenta (1%)

Yellow (23%)

Black (9%)



Cyan (9%)

Magenta (10%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.6700, 17.8840, -15.7480 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 223.6700, 17.8840, -15.7480 by changing the saturation by 10% instead.

■ 223.6700, 17.8840,
-15.7480

■ 223.6700, 17.8840,
-15.7480

255.0000, -0.0000,
-0.0000

■ 195.7840, 17.5630,
-15.4370

■ 252.4920, 7.0620,
-6.8420

■ 168.5990, 16.6460,
-15.3380

■ 141.8270, 16.0040,
-14.7160

■ 116.0550, 15.3620,
-14.0940

■ 91.4570, 14.1700,
-14.5180

■ 67.6850, 13.5280,
-13.8960

■ 44.6850, 13.5280,

-13.8960

■ 25.6830, 7.8420,
-9.9660

■ 0.0000, 0.0000,
0.0000

■ 223.6700, 17.8840,
-15.7480

■ 223.6700, 17.8840,
-15.7480

■ 220.4610, 25.5420,
-22.3780

■ 226.8790, 10.2260,
-9.1180

■ 217.2520, 33.2000,
-29.0080

■ 230.0880, 2.5680,
-2.4880

■ 214.0430, 40.8580,
-35.6380

■ 233.2970, -5.0900,
4.1420

■ 211.4210, 48.2410,
-42.7910

■ 234.3230, -7.9790,
6.9410

■ 208.2120, 55.8990,
-49.4210

■ 234.9100, -8.2540,
6.4180

■ 204.8890, 63.8780,
-56.3620

■ 235.4970, -8.5290,
5.8950

■ 201.6800, 71.5360,
-62.9920

■ 236.0840, -8.8040,
5.3720

■ 199.3830, 76.6260,
-67.1340

■ 236.6710, -9.0790,
4.8490

■ 237.2580, -9.3540,
4.3260

Harmonies

Analogous

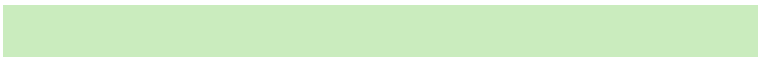
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.1500, 34.3880, -6.4760



223.6700, 17.8840, -15.7480



220.5900, -5.4980, -21.5140

Triad

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



223.6700, 17.8840, -15.7480



216.0180, -53.1370, -11.6730



226.1740, 17.7860, 19.0820

Complementary

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



223.6700, 17.8840, -15.7480



184.3300, -17.8840, 15.7480

Split Complementary

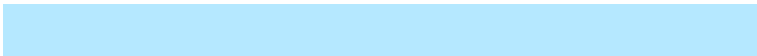
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.4270, 6.8280, 19.4360



223.6700, 17.8840, -15.7480



219.3730, -37.7790, -3.6590

Square

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



223.6700, 17.8840, -15.7480



215.7700, -49.7430, -18.1190



224.8430, -15.3150, 7.7330



222.6230, 26.4070, 11.5190

Rectangle

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



223.6700, 17.8840, -15.7480



218.3800, -22.4620, -22.4460



224.8430, -15.3150, 7.7330



228.2600, 14.6680, 20.5240

Sweetspot

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



223.6700, 17.8840, -15.7480



252.3610, 6.0530, -5.0750



193.4880, 31.2210, 12.3810



126.1590, 3.8060, -2.8980



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.



223.6700, 17.8840, -15.7480



245.1450, 23.6160, -20.5120



217.6680, 3.0300, -21.8820



113.0450, 4.1270, -3.2090



154.4850, 59.3840, -52.0080



44.0120, 16.9210, -14.8150

Inverse Universe

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



184.3300, -17.8840, 15.7480



193.2680, -23.3410, 21.0350



190.3320, -3.0300, 21.8820



104.9550, -4.1270, 3.2090



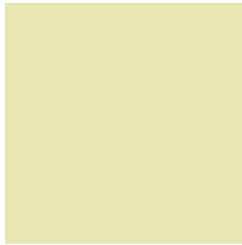
24.5150, -59.3840, 52.0080



6.9880, -16.9210, 14.8150

Previews

White Background



This preview shows how the YIQ color 223.6700, 17.8840, -15.7480 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 223.6700, 17.8840, -15.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

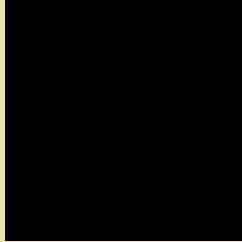
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

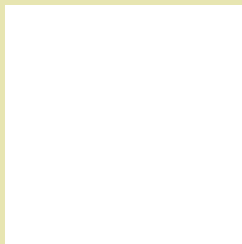
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.6700, 17.8840, -15.7480

Background



This preview shows how black text looks on a background with the YIQ color 223.6700, 17.8840, -15.7480.



This preview shows how white text looks on a background with the YIQ color 223.6700, 17.8840, -15.7480.

-15.7480.

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

223.6700, 17.8840, -15.7480

Protanopia

224.7850, 24.9900, -12.3700

Deuteranopia

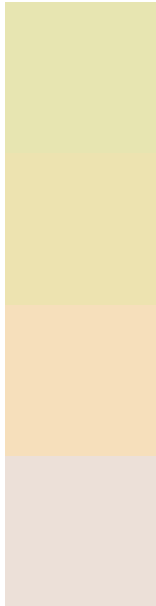
226.6860, 30.1230, -0.7650



Tritanopia

228.3200, 5.2710, 9.1030

Trichromacy



Original Color

223.6700, 17.8840, -15.7480

Protanomaly

224.1760, 22.3310, -13.7410

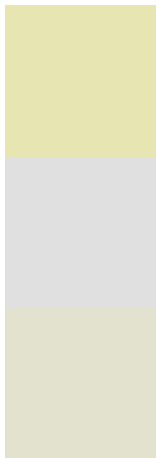
Deuteranomaly

225.7730, 25.2640, -6.3200

Tritanomaly

226.6760, 9.7200, 0.0560

Monochromacy



Original Color

223.6700, 17.8840, -15.7480

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.1330, 6.6950, -5.6970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.6700, 17.8840, -15.7480 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, 229, 177)` looks like.

```
.text, #text, p{  
    color:rgb(231, 229, 177)  
}
```

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, 229, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 229, 177) }
```

Border

The CSS property to change the border of an element to YIQ 223.6700, 17.8840, -15.7480 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, 229, 177) }
```


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

```
.border{ border-color:rgb(231, 229, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 229, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 229, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 229, 177); box-shadow:4px 4px 4px 4px rgb(231, 229, 177) }
```

Background

The CSS property to change the background color of an element to YIQ 223.6700, 17.8840, -15.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 229, 177) }
```

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

```
.background{ background-color: rgb(231,  
229, 177) }
```

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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