

Converting Colors

YIQ(220.6400, 18.5690, -0.6230)

Have a look what the booklet for
YIQ(220.6400, 18.5690, -0.6230)
contains.

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Color

**YIQ(220.6400, 18.5690,
-0.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	EED8C7
RGB	238, 216, 199
RGB Percent	93%, 85%, 78%
CMY	0.0666, 0.1530, 0.2195
CMYK	0.00, 0.09, 0.16, 0.07
HSL	26°, 53%, 86%
HSV	26°, 16%, 93%
XYZ	70.1283, 71.4105, 64.1338
YIQ	220.6400, 18.5690, -0.6230

Conversions

Conversions Part 2

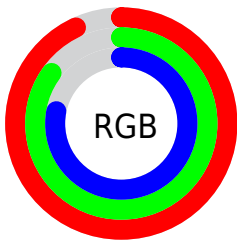
Format	Color
R _Y B	238, 229, 199
Decimal	15653063
CIE Lab	87.68, 4.90, 11.11
CIE LCh	88, 12.145, 66.231
Yxy	71.4105, 0.3410, 0.3472
Android (android.graphics.Color)	4293843143 (0xFFEED8C7)
YUV	220.6400, -10.6685, 15.2247
Hunter-Lab	84.5047, 0.2493, 14.1559

Details

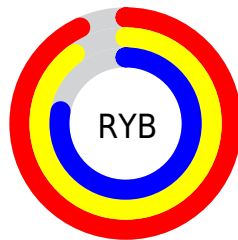
The YIQ color **220.6400, 18.5690, -0.6230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **216.3600, -18.5690, 0.6230**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **165.4550, 17.6520, -0.5240** is the 20% darker color. If you saturate the color by 10%, you get **210.2730, 29.8480, -1.2880**, and if you desaturate by 10%, it is **231.0070, 7.2900, 0.0420**.

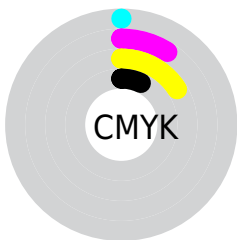
Distribution



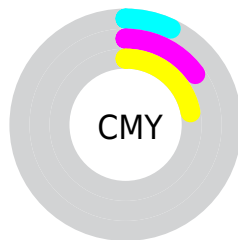
- Red (93%)
- Green (85%)
- Blue (78%)



- Red (93%)
- Yellow (90%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (7%)



- Cyan (7%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.6400, 18.5690, -0.6230 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 220.6400, 18.5690, -0.6230 by changing the saturation by 10% instead.

■ 220.6400, 18.5690,
-0.6230

■ 220.6400, 18.5690,
-0.6230

255.0000, -0.0000,
-0.0000

■ 192.7540, 18.2480,
-0.3120

■ 165.4550, 17.6520,
-0.5240

■ 139.1560, 17.0560,
-0.7360

■ 113.9710, 16.1390,
-0.6370

■ 88.7860, 15.2220,
-0.5380

■ 65.6010, 14.3050,
-0.4390

■ 43.1170, 12.7920,

-0.5520

■ 22.0200, 14.4430,
-2.9410

■ 0.0000, 0.0000,
0.0000

■ 220.6400, 18.5690,
-0.6230

■ 220.6400, 18.5690,
-0.6230

■ 210.2730, 29.8480,
-1.2880

■ 231.0070, 7.2900,
0.0420

■ 199.3190, 41.4020,
-1.4300

■ 241.9610, -4.2640,
0.1840

■ 189.0660, 52.3600,
-1.7840

■ 249.9170,
-10.1320, -3.6040

■ 178.1120, 63.9140,
-1.9260

■ 167.7450, 75.1930,
-2.5910

■ 156.7910, 86.7470,
-2.7330

■ 146.4240, 98.0260,
-3.3980

■ 135.5840,
109.2590, -3.2290

■ 132.2100,
113.2480, -3.9360

Harmonies

Analogous

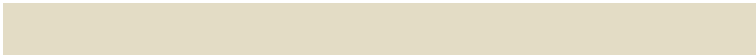
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.5850, 20.4020, 4.7060



220.6400, 18.5690, -0.6230



219.4710, 11.5550, -5.6690

Triad

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



220.6400, 18.5690, -0.6230



216.2640, -18.6590, -8.7630



221.1990, -1.6980, 8.7500

Complementary

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



220.6400, 18.5690, -0.6230



216.3600, -18.5690, 0.6230

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.



219.9310, -12.7470, 5.2450



220.6400, 18.5690, -0.6230



216.3330, -23.1070, -5.2430

Square

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



220.6400, 18.5690, -0.6230



216.7010, -9.7640, -10.2760



218.1640, -20.9530, -0.2250



222.0000, 9.1680, 10.0640

Rectangle

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



220.6400, 18.5690, -0.6230



218.1820, 4.9990, -8.0010



218.1640, -20.9530, -0.2250



220.5190, -5.5950, 7.7890

Sweetspot

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



220.6400, 18.5690, -0.6230



249.4090, 6.0980, -0.3820



213.1690, 16.1820, 15.1100



124.1530, 3.9430, 0.1270



0.0000, 0.0000, 0.0000



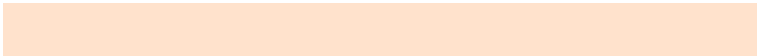
128.0000, -0.0000, -0.0000

Same Dimension

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



220.6400, 18.5690, -0.6230



232.1630, 24.3460, -0.6940



231.7930, 13.3440, -10.5600



114.5230, 5.7770, -0.0710



101.9760, 87.6640, -2.8320



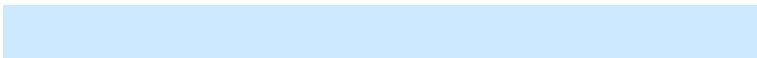
30.8320, 26.7760, -0.6800

Inverse Universe

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



216.3600, -18.5690, 0.6230



226.8370, -24.3460, 0.6940



205.2070, -13.3440, 10.5600



113.4770, -5.7770, 0.0710



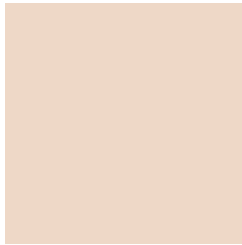
82.0240, -87.6640, 2.8320



25.1680, -26.7760, 0.6800

Previews

White Background



This preview shows how the YIQ color 220.6400, 18.5690, -0.6230 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 220.6400, 18.5690, -0.6230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

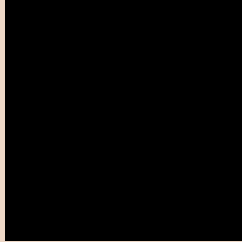
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.6400, 18.5690, -0.6230

Background



This preview shows how black text looks on a background with the YIQ color 220.6400, 18.5690, -0.6230.



This preview shows how white text looks on a background with the YIQ color 220.6400, 18.5690,

-0.6230.

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

220.6400, 18.5690, -0.6230

Protanopia

219.6390, 11.1420, -3.6900

Deuteranopia

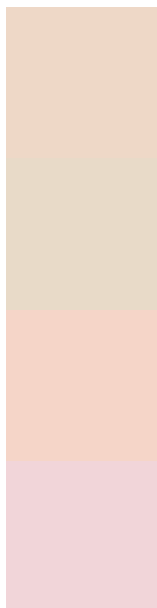
221.6950, 25.9040, 4.1120



Tritanopia

222.7940, 12.7440, 11.3360

Trichromacy



Original Color

220.6400, 18.5690, -0.6230

Protanomaly

220.1340, 14.1220, -2.6300

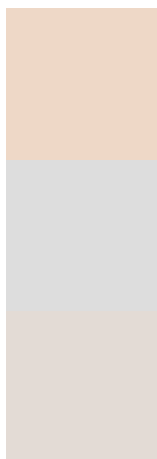
Deuteranomaly

221.0860, 23.2450, 2.7410

Tritanomaly

221.8280, 15.4040, 7.1800

Monochromacy



Original Color

220.6400, 18.5690, -0.6230

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.7080, 6.6940, -0.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.6400, 18.5690, -0.6230 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(238, 216, 199)` looks like.

```
.text, #text, p{  
    color:rgb(238, 216, 199)  
}
```

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(238, 216, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 216, 199) }
```

Border

The CSS property to change the border of an element to YIQ 220.6400, 18.5690, -0.6230 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(238, 216, 199) }
```


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

```
.border{ border-color:rgb(238, 216, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 216, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 216, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 216, 199);  
box-shadow:4px 4px 4px 4px rgb(238, 216,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 220.6400, 18.5690, -0.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 216, 199) }
```

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

```
.background{ background-color: rgb(238,  
216, 199) }
```

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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