

Converting Colors

YIQ(220.0580, 11.2800, -6.1920)

Have a look what the booklet for
YIQ(220.0580, 11.2800, -6.1920)
contains.

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Color

**YIQ(220.0580, 11.2800,
-6.1920)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DDC5
RGB	227, 221, 197
RGB Percent	89%, 87%, 77%
CMY	0.1098, 0.1333, 0.2274
CMYK	0.00, 0.03, 0.13, 0.11
HSL	48°, 35%, 83%
HSV	48°, 13%, 89%
XYZ	67.6142, 72.0744, 63.1811
YIQ	220.0580, 11.2800, -6.1920

Conversions

Conversions Part 2

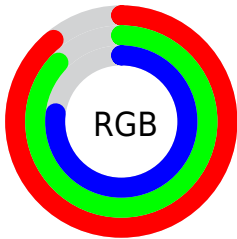
Format	Color
R_{YB}	205, 227, 197
Decimal	14933445
CIE Lab	88.00, -1.95, 12.50
CIE LCh	88, 12.653, 98.869
Yxy	72.0744, 0.3333, 0.3553
Android (android.graphics.Color)	4293123525 (0xFFE3DDC5)
YUV	220.0580, -11.3676, 6.0881
Hunter-Lab	84.8966, -6.4064, 15.3033

Details

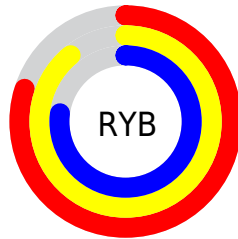
The YIQ color **220.0580, 11.2800, -6.1920** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203.9420, -11.2800, 6.1920**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.8860, 0.3210, -0.3110**, and **165.1720, 10.9590, -5.8810** is the 20% darker color. If you saturate the color by 10%, you get **214.5010, 20.0380, -10.7300**, and if you desaturate by 10%, it is **225.6150, 2.5220, -1.6540**.

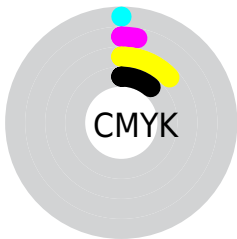
Distribution



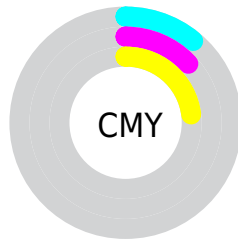
- Red (89%)
- Green (87%)
- Blue (77%)



- Red (80%)
- Yellow (89%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.0580, 11.2800, -6.1920 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 220.0580, 11.2800, -6.1920 by changing the saturation by 10% instead.

■ 220.0580, 11.2800,
-6.1920

■ 220.0580, 11.2800,
-6.1920

255.0000, -0.0000,
-0.0000

■ 192.1720, 10.9590,
-5.8810

254.8860, 0.3210,
-0.3110

■ 165.1720, 10.9590,
-5.8810

■ 138.9870, 10.0420,
-5.7820

■ 113.1010, 9.7210,
-5.4710

■ 88.8020, 9.1250,
-5.6830

■ 65.0300, 8.4830,
-5.0610

■ 43.1440, 8.1620,

-4.7500

■ 22.4600, 10.0880,
-6.6160

■ 0.0000, 0.0000,
0.0000

■ 220.0580, 11.2800,
-6.1920

■ 220.0580, 11.2800,
-6.1920

■ 214.5010, 20.0380,
-10.7300

■ 225.6150, 2.5220,
-1.6540

■ 209.6450, 28.2000,
-15.4800

■ 230.4710, -5.6400,
3.0960

■ 204.0880, 36.9580,
-20.0180

■ 234.8880,
-11.1880, 4.5240

■ 199.1180, 45.4410,
-25.0790

■ 237.2360,
-12.2880, 2.4320

■ 193.6750, 53.8780,
-29.3060

■ 240.1710,
-13.6630, -0.1830

■ 188.7050, 62.3610,
-34.3670

■ 242.5190,
-14.7630, -2.2750

■ 183.1480, 71.1190,
-38.9050

■ 245.4540,
-16.1380, -4.8900

■ 178.1780, 79.6020,
-43.9660

■ 246.6280,
-16.6880, -5.9360

■ 174.7070, 85.2420,
-47.0620

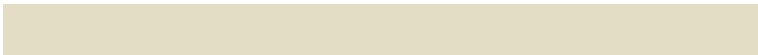
Harmonies

Analogous

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



221.5260, 18.8900, -0.9340



220.0580, 11.2800, -6.1920



218.7900, 0.2310, -9.6970

Triad

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



220.0580, 11.2800, -6.1920



217.1480, -24.0240, -5.1440



223.5980, 10.3600, 10.4880

Complementary

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



220.0580, 11.2800, -6.1920



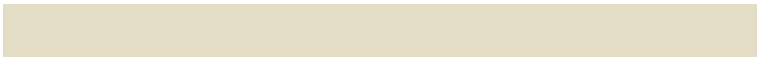
203.9420, -11.2800, 6.1920

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.



222.7970, -0.5060, 9.1740



220.0580, 11.2800, -6.1920



218.6910, -20.9990, 0.6090

Square

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



220.0580, 11.2800, -6.1920



216.7800, -20.1720, -8.8760



221.2300, -12.1510, 5.4570



223.3230, 18.3840, 8.2400

Rectangle

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



220.0580, 11.2800, -6.1920



217.3700, -7.3340, -10.2620



221.2300, -12.1510, 5.4570



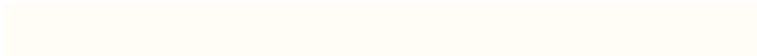
222.7440, 7.0130, 10.5730

Sweetspot

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



220.0580, 11.2800, -6.1920



252.6860, 3.7600, -2.0640



206.7680, 15.6330, 8.5370



126.0280, 2.7970, -1.1310



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.



220.0580, 11.2800, -6.1920



245.6300, 15.3610, -8.5670



221.1880, 4.8620, -11.0260



111.8710, 4.6770, -2.1630



137.4620, 67.3590, -36.8410



39.3160, 19.1210, -10.6310

Inverse Universe

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



203.9420, -11.2800, 6.1920



223.3700, -15.3610, 8.5670



203.1110, -4.2660, 11.2380



106.1290, -4.6770, 2.1630



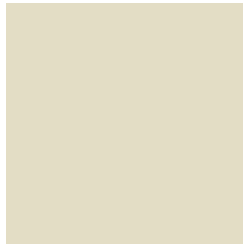
41.5380, -67.3590, 36.8410



11.6840, -19.1210, 10.6310

Previews

White Background



This preview shows how the YIQ color 220.0580, 11.2800, -6.1920 looks on a white background.

Color Contrast Check

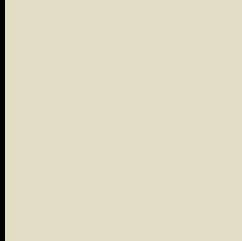
Large Text (above 18pt) WCAG AA × Fail

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 220.0580, 11.2800, -6.1920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

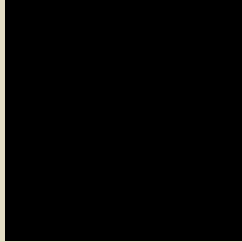
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

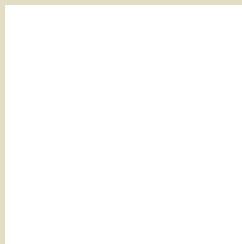
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.0580, 11.2800, -6.1920

Background



This preview shows how black text looks on a background with the YIQ color 220.0580, 11.2800, -6.1920.



This preview shows how white text looks on a background with the YIQ color 220.0580, 11.2800, -6.1920.

-6.1920.

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

220.0580, 11.2800, -6.1920

Protanopia

220.2540, 13.6640, -5.3440

Deuteranopia

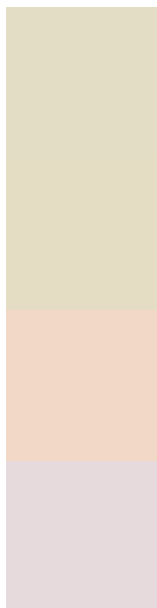
222.4670, 26.5460, 3.4900



Tritanopia

222.7220, 4.0790, 8.6790

Trichromacy



Original Color

220.0580, 11.2800, -6.1920

Protanomaly

219.9550, 13.0680, -5.5560

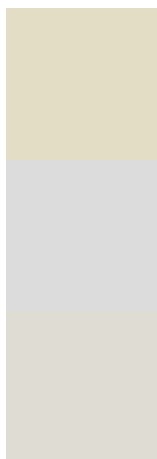
Deuteranomaly

221.7220, 21.2740, -0.0860

Tritanomaly

221.8160, 6.5100, 3.1660

Monochromacy



Original Color

220.0580, 11.2800, -6.1920

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9850, 4.3560, -1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.0580, 11.2800, -6.1920 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(227, 221, 197)` looks like.

```
.text, #text, p{  
    color:rgb(227, 221, 197)  
}
```

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(227, 221, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 221, 197) }
```

Border

The CSS property to change the border of an element to YIQ 220.0580, 11.2800, -6.1920 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(227, 221, 197) }
```


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

```
.border{ border-color:rgb(227, 221, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 221, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 221, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 221, 197); box-shadow:4px 4px 4px 4px rgb(227, 221, 197) }
```

Background

The CSS property to change the background color of an element to YIQ 220.0580, 11.2800, -6.1920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 221, 197) }
```

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

```
.background{ background-color: rgb(227,  
221, 197) }
```

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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