

Converting Colors

YIQ(227.5840, 12.9750, 1.6390)

Have a look what the booklet for
YIQ(227.5840, 12.9750, 1.6390)
contains.

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Color

**YIQ(227.5840, 12.9750,
1.6390)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DFD8
RGB	241, 223, 216
RGB Percent	95%, 87%, 85%
CMY	0.0549, 0.1255, 0.1529
CMYK	0.00, 0.07, 0.10, 0.05
HSL	17°, 47%, 90%
HSV	17°, 10%, 95%
XYZ	75.0612, 76.4324, 75.7724
YIQ	227.5840, 12.9750, 1.6390

Conversions

Conversions Part 2

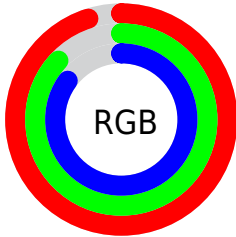
Format	Color
R _Y B	241, 226, 216
Decimal	15851480
CIE Lab	90.06, 5.01, 5.63
CIE LCh	90, 7.534, 48.326
Yxy	76.4324, 0.3303, 0.3363
Android (android.graphics.Color)	4294041560 (0xFFFF1DFD8)
YUV	227.5840, -5.7109, 11.7658
Hunter-Lab	87.4256, 0.2602, 9.8109

Details

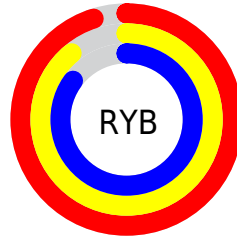
The YIQ color **227.5840, 12.9750, 1.6390** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **229.4160, -12.9750, -1.6390**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **172.2850, 12.3790, 1.4270** is the 20% darker color. If you saturate the color by 10%, you get **214.8690, 25.3540, 3.0660**, and if you desaturate by 10%, it is **240.2990, 0.5960, 0.2120**.

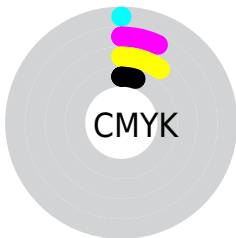
Distribution



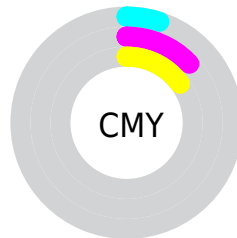
- Red (95%)
- Green (87%)
- Blue (85%)



- Red (95%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.5840, 12.9750, 1.6390 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 227.5840, 12.9750, 1.6390 by changing the saturation by 10% instead.

■ 227.5840, 12.9750,
1.6390

■ 227.5840, 12.9750,
1.6390

255.0000, -0.0000,
-0.0000

■ 199.5840, 12.9750,
1.6390

■ 172.2850, 12.3790,
1.4270

■ 145.3990, 12.0580,
1.7380

■ 120.1000, 11.4620,
1.5260

■ 94.8010, 10.8660,
1.3140

■ 71.5020, 10.2700,
1.1020

■ 49.2030, 9.6740,

0.8900

■ 28.0180, 8.7570,
0.9890

■ 3.8870, 7.7480,
2.7560

■ 227.5840, 12.9750,
1.6390

■ 227.5840, 12.9750,
1.6390

■ 214.8690, 25.3540,
3.0660

■ 240.2990, 0.5960,
0.2120

■ 201.5670, 38.0080,
5.0160

■ 250.8140, -8.3440,
-2.9680

■ 188.8520, 50.3870,
6.4430

■ 176.1370, 62.7660,
7.8700

■ 162.8350, 75.4200,
9.8200

■ 150.0060, 88.1200,
10.9360

■ 136.7040,
100.7740, 12.8860

■ 123.9890,
113.1530, 14.3130

■ 111.3880,
125.2110, 16.0510

Harmonies

Analogous

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



228.2790, 12.5160, 4.4520



227.5840, 12.9750, 1.6390



226.9210, 10.4080, -1.4000

Triad

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



227.5840, 12.9750, 1.6390



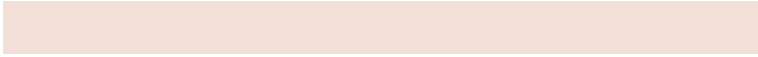
224.7060, -8.1600, -6.3040



227.2970, -5.0900, 4.1420

Complementary

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



227.5840, 12.9750, 1.6390



229.4160, -12.9750, -1.6390

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.



225.7800, -11.0040, 1.1880



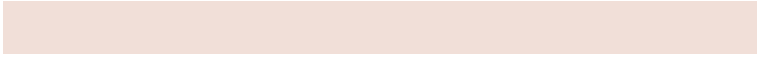
227.5840, 12.9750, 1.6390



224.4220, -13.1120, -4.6640

Square

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



227.5840, 12.9750, 1.6390



224.6420, -2.1080, -5.8520



225.1170, -13.5710, -1.8510



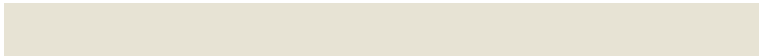
227.4720, 1.7870, 6.1630

Rectangle

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



227.5840, 12.9750, 1.6390



226.4860, 7.1990, -3.8170



225.1170, -13.5710, -1.8510



226.5140, -7.1990, 3.8170

Sweetspot

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



227.5840, 12.9750, 1.6390



250.5660, 4.2180, 0.6500



225.5270, 9.1220, 10.8980



124.9680, 3.0260, 0.2260



0.0000, 0.0000, 0.0000



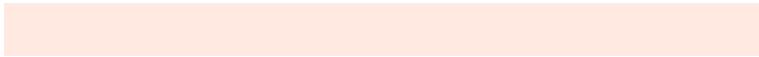
128.0000, -0.0000, -0.0000

Same Dimension

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



227.5840, 12.9750, 1.6390



238.5520, 16.0010, 1.8650



234.6280, 9.6750, -4.6370



113.3490, 6.3270, 0.9750



84.9530, 95.6390, 12.3350



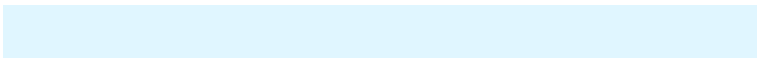
26.1360, 28.9760, 3.5040

Inverse Universe

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



229.4160, -12.9750, -1.6390



240.4480, -16.0010, -1.8650



222.3720, -9.6750, 4.6370



114.6510, -6.3270, -0.9750



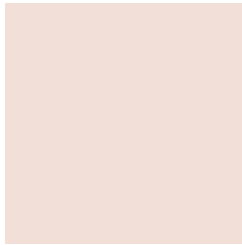
98.4600, -95.3640, -11.8120



29.8640, -28.9760, -3.5040

Previews

White Background



This preview shows how the YIQ color 227.5840, 12.9750, 1.6390 looks on a white background.

Color Contrast Check

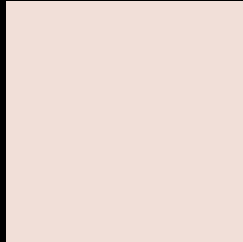
Large Text (above 18pt) WCAG AA × Fail

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 227.5840, 12.9750, 1.6390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

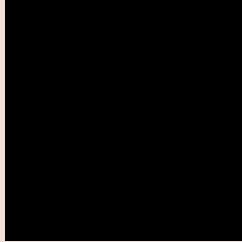
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

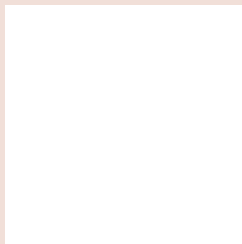
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 227.5840, 12.9750, 1.6390

Background



This preview shows how black text looks on a background with the YIQ color 227.5840, 12.9750, 1.6390.



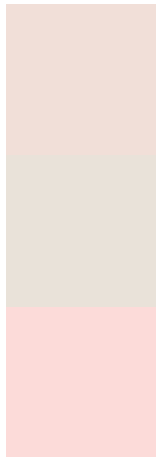
This preview shows how white text looks on a background with the YIQ color 227.5840, 12.9750,

1.6390.

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

227.5840, 12.9750, 1.6390

Protanopia

227.0670, 7.0610, -1.3150

Deuteranopia

228.6390, 20.3100, 6.3740



Tritanopia

229.1140, 8.8470, 10.3750

Trichromacy



Original Color

227.5840, 12.9750, 1.6390

Protanomaly

227.3770, 9.1240, -0.1560

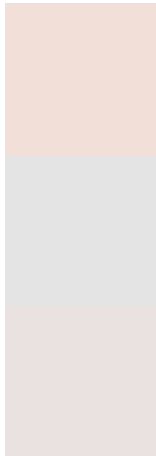
Deuteranomaly

228.0300, 17.6510, 5.0030

Tritanomaly

228.4900, 10.5440, 7.1520

Monochromacy



Original Color

227.5840, 12.9750, 1.6390

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.8650, 4.8140, 0.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.5840, 12.9750, 1.6390 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(241, 223, 216)` looks like.

```
.text, #text, p{  
    color:rgb(241, 223, 216)  
}
```

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(241, 223, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 223, 216) }
```

Border

The CSS property to change the border of an element to YIQ 227.5840, 12.9750, 1.6390 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(241, 223, 216) }
```


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

```
.border{ border-color:rgb(241, 223, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 223, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 223, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 223, 216); box-shadow:4px 4px 4px 4px rgb(241, 223, 216) }
```

Background

The CSS property to change the background color of an element to YIQ 227.5840, 12.9750, 1.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 223, 216) }
```

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

```
.background{ background-color: rgb(241,  
223, 216) }
```

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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