

Converting Colors

YIQ(227.3560, 13.6170, 1.0170)

Have a look what the booklet for
YIQ(227.3560, 13.6170, 1.0170)
contains.

YIQ(227.3560, 13.6170, 1.0170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(227.3560, 13.6170,
1.0170)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DFD6
RGB	241, 223, 214
RGB Percent	95%, 87%, 84%
CMY	0.0549, 0.1255, 0.1607
CMYK	0.00, 0.07, 0.11, 0.05
HSL	20°, 49%, 89%
HSV	20°, 11%, 95%
XYZ	74.8041, 76.3296, 74.4192
YIQ	227.3560, 13.6170, 1.0170

Conversions

Conversions Part 2

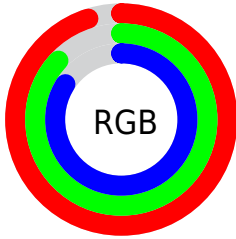
Format	Color
R _Y B	241, 228, 214
Decimal	15851478
CIE Lab	90.01, 4.69, 6.61
CIE LCh	90, 8.100, 54.651
Yxy	76.3296, 0.3316, 0.3384
Android (android.graphics.Color)	4294041558 (0xFFFF1DFD6)
YUV	227.3560, -6.5845, 11.9658
Hunter-Lab	87.3668, -0.0589, 10.6534

Details

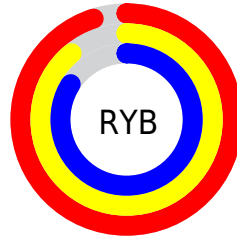
The YIQ color $227.3560, 13.6170, 1.0170$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $227.6440, -13.6170, -1.0170$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.0570, 13.0210, 0.8050$ is the 20% darker color. If you saturate the color by 10%, you get $215.2280, 25.7210, 1.9210$, and if you desaturate by 10%, it is $239.4840, 1.5130, 0.1130$.

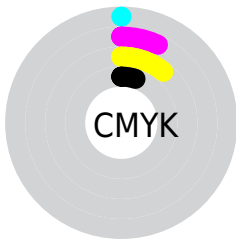
Distribution



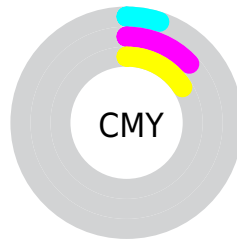
- Red (95%)
- Green (87%)
- Blue (84%)



- Red (95%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.3560, 13.6170, 1.0170 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 227.3560, 13.6170, 1.0170 by changing the saturation by 10% instead.

227.3560, 13.6170,
1.0170

227.3560, 13.6170,
1.0170

255.0000, -0.0000,
-0.0000

199.3560, 13.6170,
1.0170

172.0570, 13.0210,
0.8050

145.1710, 12.7000,
1.1160

119.8720, 12.1040,
0.9040

94.6870, 11.1870,
1.0030

71.3880, 10.5910,
0.7910

49.0890, 9.9950,

0.5790

■ 27.7900, 9.3990,
0.3670

■ 3.5880, 7.1520,
2.5440

■ 227.3560, 13.6170,
1.0170

■ 227.3560, 13.6170,
1.0170

■ 215.2280, 25.7210,
1.9210

■ 239.4840, 1.5130,
0.1130

■ 203.1000, 37.8250,
2.8250

■ 250.8140, -8.3440,
-2.9680

■ 190.9720, 49.9290,
3.7290

■ 178.8440, 62.0330,
4.6330

■ 166.7160, 74.1370,
5.5370

■ 154.4740, 86.5620,
6.1300

■ 141.7590, 98.9410,
7.5570

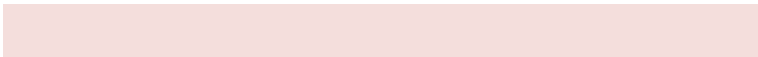
■ 129.6310,
111.0450, 8.4610

■ 119.0190,
121.6360, 9.2520

Harmonies

Analogous

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



228.3500, 13.7540, 4.0420



227.3560, 13.6170, 1.0170



226.3940, 10.4540, -2.2340

Triad

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



227.3560, 13.6170, 1.0170



224.0370, -10.5900, -6.3180



227.0090, -4.2190, 4.8770

Complementary

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



227.3560, 13.6170, 1.0170



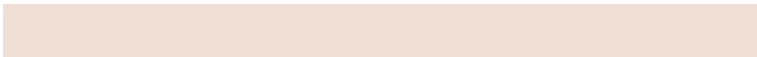
227.6440, -13.6170, -1.0170

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.



225.7200, -10.7750, 2.5450



227.3560, 13.6170, 1.0170



224.2370, -14.0290, -4.5650

Square

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



227.3560, 13.6170, 1.0170



224.6310, -3.5750, -6.7990



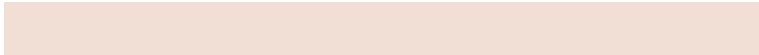
225.0460, -14.8090, -1.4410



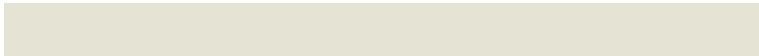
227.9560, 3.3000, 6.2760

Rectangle

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



227.3560, 13.6170, 1.0170



225.7740, 6.3280, -4.5520



225.0460, -14.8090, -1.4410



226.8130, -6.6030, 4.0290

Sweetspot

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



227.3560, 13.6170, 1.0170



251.1530, 3.9430, 0.1270



224.1250, 10.3140, 11.3220



124.9680, 3.0260, 0.2260



0.0000, 0.0000, 0.0000



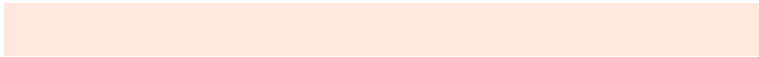
128.0000, -0.0000, -0.0000

Same Dimension

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



227.3560, 13.6170, 1.0170



238.3240, 16.6430, 1.2430



234.9870, 10.0420, -5.7820



113.9360, 6.0520, 0.4520



90.8230, 92.8890, 7.1050



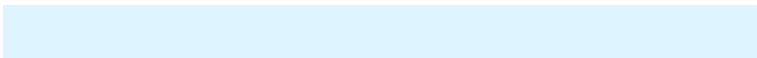
27.8970, 28.1510, 1.9350

Inverse Universe

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



227.6440, -13.6170, -1.0170



238.6760, -16.6430, -1.2430



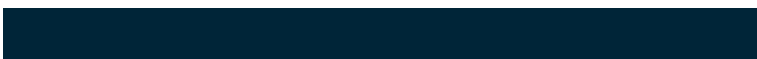
220.0130, -10.0420, 5.7820



114.0640, -6.0520, -0.4520



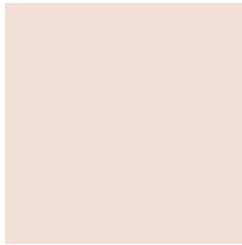
93.1770, -92.8890, -7.1050



28.1030, -28.1510, -1.9350

Previews

White Background



This preview shows how the YIQ color 227.3560, 13.6170, 1.0170 looks on a white background.

Color Contrast Check

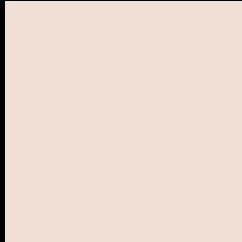
Large Text (above 18pt) WCAG AA × Fail

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 227.3560, 13.6170, 1.0170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

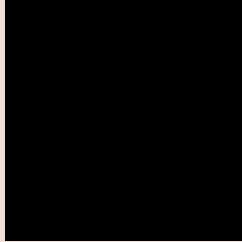
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

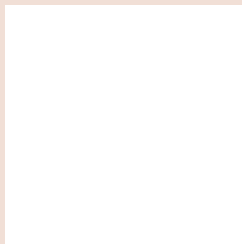
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 227.3560, 13.6170, 1.0170

Background



This preview shows how black text looks on a background with the YIQ color 227.3560, 13.6170, 1.0170.



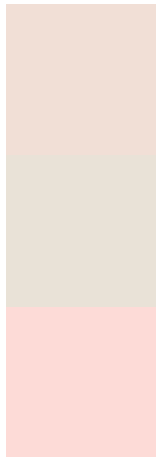
This preview shows how white text looks on a background with the YIQ color 227.3560, 13.6170,

1.0170.

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

227.3560, 13.6170, 1.0170

Protanopia

226.8390, 7.7030, -1.9370

Deuteranopia

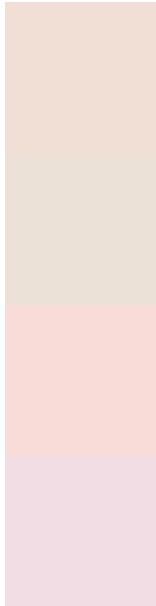
228.7100, 21.5480, 5.9640



Tritanopia

229.1140, 8.8470, 10.3750

Trichromacy



Original Color

227.3560, 13.6170, 1.0170

Protanomaly

227.1490, 9.7660, -0.7780

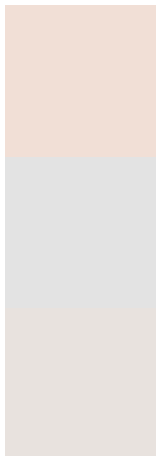
Deuteranomaly

228.1010, 18.8890, 4.5930

Tritanomaly

228.4900, 10.5440, 7.1520

Monochromacy



Original Color

227.3560, 13.6170, 1.0170

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

227.3380, 4.8600, 0.0280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.3560, 13.6170, 1.0170 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(241, 223, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 223, 214) }
```

Border

The CSS property to change the border of an element to YIQ 227.3560, 13.6170, 1.0170 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, 214) }
```


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

```
.border{ border-color:rgb(241, 223, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 223, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 223, 214);  
box-shadow:4px 4px 4px 4px rgb(241, 223,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 227.3560, 13.6170, 1.0170 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, 214) }
```

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

```
.background{ background-color: rgb(241,  
223, 214) }
```

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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