

Converting Colors

YIQ(225.4560, 7.8840, 11.3080)

Have a look what the booklet for
YIQ(225.4560, 7.8840, 11.3080)
contains.

YIQ(225.4560, 7.8840, 11.3080)	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(225.4560, 7.8840,
11.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D8EC
RGB	240, 216, 236
RGB Percent	94%, 85%, 93%
CMY	0.0587, 0.1530, 0.0745
CMYK	0.00, 0.10, 0.02, 0.06
HSL	310°, 45%, 89%
HSV	310°, 10%, 94%
XYZ	75.6354, 73.6913, 89.5974
YIQ	225.4560, 7.8840, 11.3080

Conversions

Conversions Part 2

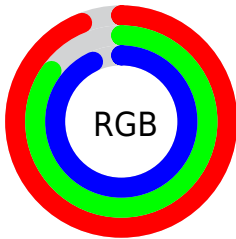
Format	Color
R _Y B	240, 216, 236
Decimal	15784172
CIE Lab	88.78, 11.72, -6.77
CIE LCh	89, 13.531, 329.988
Yxy	73.6913, 0.3166, 0.3084
Android (android.graphics.Color)	4293974252 (0xFFFF0D8EC)
YUV	225.4560, 5.1982, 12.7551
Hunter-Lab	85.8437, 7.0470, -1.7920

Details

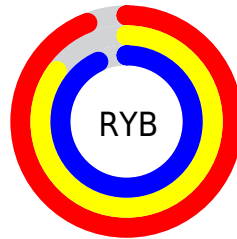
The YIQ color $225.4560, 7.8840, 11.3080$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $230.5440, -7.8840, -11.3080$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.0430, 7.6090, 10.7850$ is the 20% darker color. If you saturate the color by 10%, you get $210.9120, 15.7680, 22.6160$, and if you desaturate by 10%, it is $240.0000, -0.0000, -0.0000$.

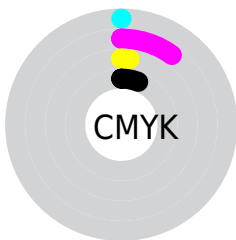
Distribution



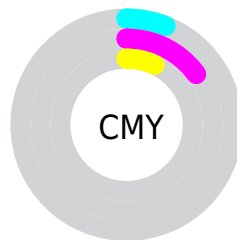
- Red (94%)
- Green (85%)
- Blue (93%)



- Red (94%)
- Yellow (85%)
- Blue (93%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.4560, 7.8840, 11.3080 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 225.4560, 7.8840, 11.3080 by changing the saturation by 10% instead.

225.4560, 7.8840,
11.3080

225.4560, 7.8840,
11.3080

255.0000, -0.0000,
-0.0000

197.4560, 7.8840,
11.3080

170.0430, 7.6090,
10.7850

143.6300, 7.3340,
10.2620

118.2170, 7.0590,
9.7390

93.2170, 7.0590,
9.7390

69.5050, 6.1880,
9.0040

47.2060, 5.5920,

8.7920

■ 25.7930, 5.3170,
8.2690

■ 4.6570, 2.7040,
6.0640

■ 225.4560, 7.8840,
11.3080

■ 225.4560, 7.8840,
11.3080

■ 210.9120, 15.7680,
22.6160

■ 240.0000, -0.0000,
-0.0000

■ 196.3680, 23.6520,
33.9240

■ 249.2610, -5.4090,
-6.6010

■ 181.8240, 31.5360,
45.2320

■ 249.7170, -6.6930,
-5.3570

■ 167.2800, 39.4200,
56.5400

■ 250.1730, -7.9770,
-4.1130

■ 152.7360, 47.3040,
67.8480

■ 250.5150, -8.9400,
-3.1800

■ 138.1920, 55.1880,
79.1560

■ 123.6480, 63.0720,
90.4640

■ 109.1040, 70.9560,
101.7720

■ 94.5600, 78.8400,
113.0800

Harmonies

Analogous

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



224.6440, -4.4490, 9.0470



225.4560, 7.8840, 11.3080



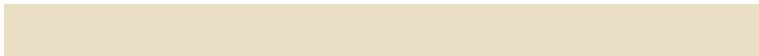
225.4910, 17.9710, 10.2190

Triad

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



225.4560, 7.8840, 11.3080



222.7380, 15.1770, -5.2310



218.9090, -24.8490, -6.7130

Complementary

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



225.4560, 7.8840, 11.3080



230.5440, -7.8840, -11.3080

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.



218.9110, -19.1630, -10.6430



225.4560, 7.8840, 11.3080



220.9430, 4.1740, -9.5700

Square

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



225.4560, 7.8840, 11.3080



224.1350, 21.5490, 0.4370



219.6580, -8.2050, -10.9970



220.3700, -24.5290, -1.4970

Rectangle

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



225.4560, 7.8840, 11.3080



225.1770, 21.7310, 8.1550



219.6580, -8.2050, -10.9970



219.0400, -23.8400, -8.4800

Sweetspot

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



225.4560, 7.8840, 11.3080



250.1900, 2.5210, 3.8730



219.9320, -5.3200, 8.3120



124.3640, 1.9710, 2.8270



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.



225.4560, 7.8840, 11.3080



236.2330, 10.1300, 14.6580



224.0880, 11.7360, 7.5760



112.7280, 3.9420, 5.6540



72.4580, 60.5510, 86.5910



22.1020, 18.2890, 26.4890

Inverse Universe

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



225.4560, 7.8840, 11.3080



236.2330, 10.1300, 14.6580



231.9120, -11.7360, -7.5760



112.7280, 3.9420, 5.6540



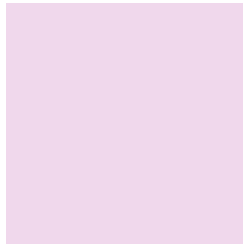
72.4580, 60.5510, 86.5910



22.1020, 18.2890, 26.4890

Previews

White Background



This preview shows how the YIQ color 225.4560, 7.8840, 11.3080 looks on a white background.

Color Contrast Check

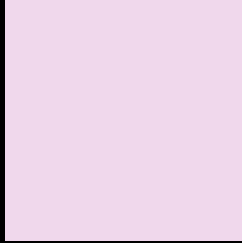
Large Text (above 18pt) WCAG AA × Fail

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 225.4560, 7.8840, 11.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

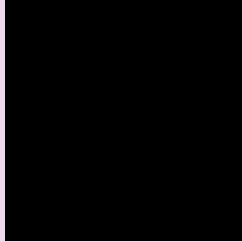
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.4560, 7.8840, 11.3080

Background



This preview shows how black text looks on a background with the YIQ color 225.4560, 7.8840, 11.3080.



This preview shows how white text looks on a background with the YIQ color 225.4560, 7.8840,

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

225.4560, 7.8840, 11.3080

Protanopia

223.9380, -5.4570, 5.2870

Deuteranopia

225.1570, 7.2880, 11.0960



Tritanopia

225.1140, 8.8470, 10.3750

Trichromacy



Original Color

225.4560, 7.8840, 11.3080

Protanomaly

224.7430, -0.4140, 7.5060

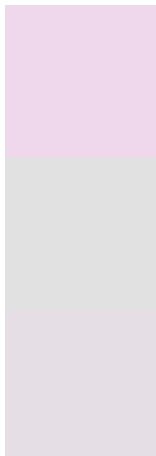
Deuteranomaly

225.1570, 7.2880, 11.0960

Tritanomaly

225.2280, 8.5260, 10.6860

Monochromacy



Original Color

225.4560, 7.8840, 11.3080

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.1900, 2.5210, 3.8730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.4560, 7.8840, 11.3080 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(240, 216, 236)` looks like.

```
.text, #text, p{  
    color:rgb(240, 216, 236)  
}
```

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(240, 216, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 216, 236) }
```

Border

The CSS property to change the border of an element to YIQ 225.4560, 7.8840, 11.3080 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(240, 216, 236) }
```


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

```
.border{ border-color:rgb(240, 216, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 216, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 216, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 216, 236);  
box-shadow:4px 4px 4px 4px rgb(240, 216,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 225.4560, 7.8840, 11.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 216, 236) }
```

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

```
.background{ background-color: rgb(240,  
216, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor