

Converting Colors

YIQ(226.6790, 5.6380, 7.9580)

Have a look what the booklet for
YIQ(226.6790, 5.6380, 7.9580)
contains.

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Color

**YIQ(226.6790, 5.6380,
7.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDCEA
RGB	237, 220, 234
RGB Percent	93%, 86%, 92%
CMY	0.0705, 0.1373, 0.0823
CMYK	0.00, 0.07, 0.01, 0.07
HSL	311°, 32%, 90%
HSV	311°, 7%, 93%
XYZ	75.3723, 75.1300, 88.3731
YIQ	226.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

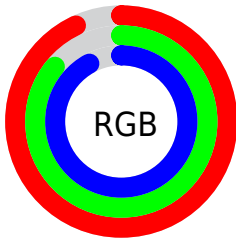
Format	Color
R _Y B	237, 220, 234
Decimal	15588586
CIE Lab	89.45, 8.26, -4.74
CIE LCh	89, 9.523, 330.135
Yxy	75.1300, 0.3155, 0.3145
Android (android.graphics.Color)	4293778666 (0xFFEDDCEA)
YUV	226.6790, 3.6093, 9.0515
Hunter-Lab	86.6776, 3.5326, 0.2245

Details

The YIQ color $226.6790, 5.6380, 7.9580$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $230.3210, -5.6380, -7.9580$, 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 $171.2660, 5.3630, 7.4350$ is the 20% darker color. If you saturate the color by 10%, you get $212.1350, 13.5220, 19.2660$, and if you desaturate by 10%, it is $241.2230, -2.2460, -3.3500$.

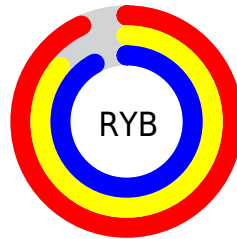
Distribution



Red (93%)

Green (86%)

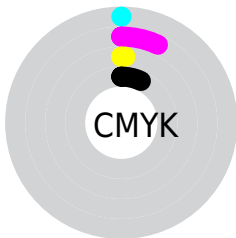
Blue (92%)



Red (93%)

Yellow (86%)

Blue (92%)

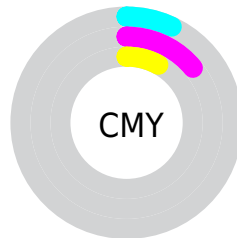


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (7%)



Cyan (7%)

Magenta (14%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.6790, 5.6380, 7.9580 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 226.6790, 5.6380, 7.9580 by changing the saturation by 10% instead.

226.6790, 5.6380,
7.9580

226.6790, 5.6380,
7.9580

255.0000, -0.0000,
-0.0000

198.6790, 5.6380,
7.9580

171.2660, 5.3630,
7.4350

144.9670, 4.7670,
7.2230

118.9670, 4.7670,
7.2230

94.5540, 4.4920,
6.7000

70.5540, 4.4920,
6.7000

48.1410, 4.2170,

6.1770

■ 27.7280, 3.9420,
5.6540

■ 4.4290, 3.3460,
5.4420

■ 226.6790, 5.6380,
7.9580

■ 226.6790, 5.6380,
7.9580

■ 212.1350, 13.5220,
19.2660

■ 241.2230, -2.2460,
-3.3500

■ 198.1780, 21.1310,
30.0510

■ 248.1360, -6.5550,
-7.8590

■ 183.5200, 29.3360,
41.0480

■ 248.7060, -8.1600,
-6.3040

■ 168.9760, 37.2200,
52.3560

■ 249.1620, -9.4440,
-5.0600

■ 154.4320, 45.1040,
63.6640

■ 249.6180,
-10.7280, -3.8160

■ 140.4750, 52.7130,
74.4490

■ 125.9310, 60.5970,
85.7570

■ 111.2730, 68.8020,
96.7540

■ 97.3160, 76.4110,
107.5390

Harmonies

Analogous

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



225.5470, -2.7980, 6.6580



226.6790, 5.6380, 7.9580



226.8600, 12.3780, 6.9540

Triad

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



226.6790, 5.6380, 7.9580



224.7530, 10.8210, -3.3790



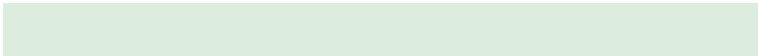
222.3830, -17.3760, -4.4800

Complementary

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



226.6790, 5.6380, 7.9580



230.3210, -5.6380, -7.9580

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.



221.8410, -12.9740, -7.1660



226.6790, 5.6380, 7.9580



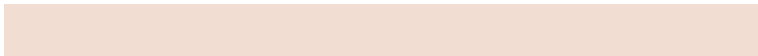
223.4530, 2.7980, -6.6580

Square

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



226.6790, 5.6380, 7.9580



225.6120, 15.7720, 0.5080



222.4350, -5.9590, -7.6470



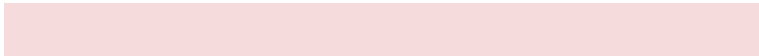
223.0890, -16.3680, -0.7200

Rectangle

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



226.6790, 5.6380, 7.9580



226.7740, 15.4960, 5.5120



222.4350, -5.9590, -7.6470



222.0410, -16.4130, -5.4130

Sweetspot

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



226.6790, 5.6380, 7.9580



251.9510, 1.6960, 2.3040



222.8350, -3.6690, 5.9230



126.1250, 1.1460, 1.2580



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.



226.6790, 5.6380, 7.9580



241.0430, 7.6090, 10.7850



225.7670, 8.2060, 5.4700



110.3150, 3.6670, 5.1310



71.1050, 60.0470, 84.7110



21.1620, 18.0600, 25.1320

Inverse Universe

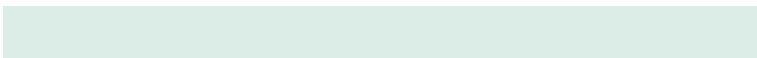
The Inverse Universe completely reimagines the original color for something new.



226.6790, 5.6380, 7.9580



241.0430, 7.6090, 10.7850



231.2330, -8.2060, -5.4700



110.3150, 3.6670, 5.1310



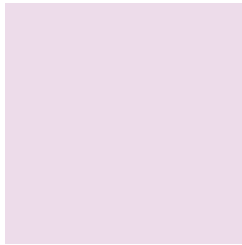
71.1050, 60.0470, 84.7110



21.1620, 18.0600, 25.1320

Previews

White Background



This preview shows how the YIQ color 226.6790, 5.6380, 7.9580 looks on a white background.

Color Contrast Check

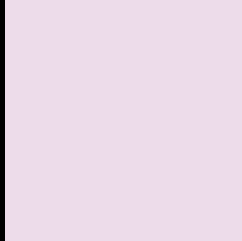
Large Text (above 18pt) WCAG AA × Fail

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 226.6790, 5.6380, 7.9580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

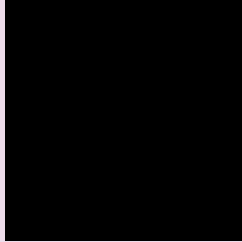
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.6790, 5.6380, 7.9580

Background



This preview shows how black text looks on a background with the YIQ color 226.6790, 5.6380, 7.9580.



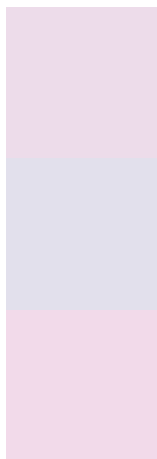
This preview shows how white text looks on a background with the YIQ color 226.6790, 5.6380,

7.9580.

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

226.6790, 5.6380, 7.9580

Protanopia

225.9660, -2.6600, 4.1560

Deuteranopia

227.0000, 9.1680, 10.0640



Tritanopia

227.0210, 4.6750, 8.8910

Trichromacy



Original Color

226.6790, 5.6380, 7.9580

Protanomaly

226.4610, 0.3200, 5.2160

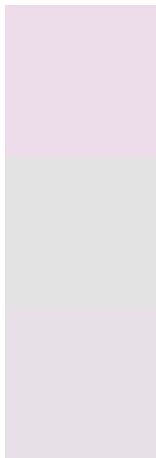
Deuteranomaly

226.9890, 7.7010, 9.1170

Tritanomaly

226.9070, 4.9960, 8.5800

Monochromacy



Original Color

226.6790, 5.6380, 7.9580

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.7770, 2.2460, 3.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.6790, 5.6380, 7.9580 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(237, 220, 234)` looks like.

```
.text, #text, p{  
    color:rgb(237, 220, 234)  
}
```

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(237, 220, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 220, 234) }
```

Border

The CSS property to change the border of an element to YIQ 226.6790, 5.6380, 7.9580 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(237, 220, 234) }
```


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

```
.border{ border-color:rgb(237, 220, 234) }
```

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

Here you see how a box with a 4 pixel rgb(237, 220, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 220, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 220, 234);  
box-shadow:4px 4px 4px 4px rgb(237, 220,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 226.6790, 5.6380, 7.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 220, 234) }
```

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

```
.background{ background-color: rgb(237,  
220, 234) }
```

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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