

Converting Colors

YIQ(226.9070, 4.9960, 8.5800)

Have a look what the booklet for
YIQ(226.9070, 4.9960, 8.5800)
contains.

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Color

**YIQ(226.9070, 4.9960,
8.5800)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDCEC
RGB	237, 220, 236
RGB Percent	93%, 86%, 93%
CMY	0.0705, 0.1373, 0.0745
CMYK	0.00, 0.07, 0.00, 0.07
HSL	304°, 32%, 90%
HSV	304°, 7%, 93%
XYZ	75.6613, 75.2456, 89.8944
YIQ	226.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

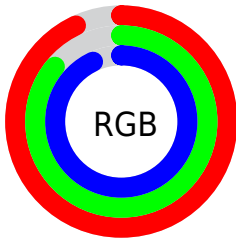
Format	Color
RYP	237, 220, 236
Decimal	15588588
CIELab	89.51, 8.62, -5.71
CIElCh	90, 10.338, 326.452
Yxy	75.2456, 0.3142, 0.3125
Android (android.graphics.Color)	4293778668 (0xFFEDDCEC)
YUV	226.9070, 4.4828, 8.8516
Hunter-Lab	86.7442, 3.8913, -0.7222

Details

The YIQ color $226.9070, 4.9960, 8.5800$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $230.0930, -4.9960, -8.5800$, 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 $171.4940, 4.7210, 8.0570$ is the 20% darker color. If you saturate the color by 10%, you get $212.7050, 11.9170, 20.8210$, and if you desaturate by 10%, it is $241.1090, -1.9250, -3.6610$.

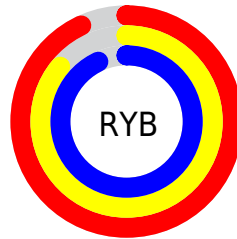
Distribution



Red (93%)

Green (86%)

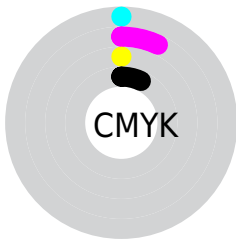
Blue (93%)



Red (93%)

Yellow (86%)

Blue (93%)

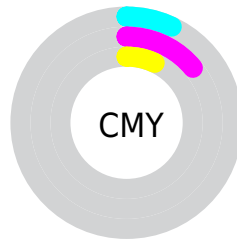


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (14%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.9070, 4.9960, 8.5800 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 226.9070, 4.9960, 8.5800 by changing the saturation by 10% instead.

226.9070, 4.9960,
8.5800

226.9070, 4.9960,
8.5800

255.0000, -0.0000,
-0.0000

198.9070, 4.9960,
8.5800

171.4940, 4.7210,
8.0570

145.0810, 4.4460,
7.5340

119.0810, 4.4460,
7.5340

94.6680, 4.1710,
7.0110

70.6680, 4.1710,
7.0110

48.3690, 3.5750,

6.7990

■ 27.5430, 3.0250,
5.7530

■ 4.6570, 2.7040,
6.0640

■ 226.9070, 4.9960,
8.5800

■ 226.9070, 4.9960,
8.5800

■ 212.7050, 11.9170,
20.8210

■ 241.1090, -1.9250,
-3.6610

■ 198.9760, 18.8840,
32.2280

■ 247.7940, -5.5920,
-8.7920

■ 184.7740, 25.8050,
44.4690

■ 247.9080, -5.9130,
-8.4810

■ 170.4580, 33.0470,
56.3990

■ 248.1360, -6.5550,
-7.8590

156.2560, 39.9680,
68.6400

248.2500, -6.8760,
-7.5480

142.6410, 46.6140,
80.3580

248.3640, -7.1970,
-7.2370

128.3250, 53.8560,
92.2880

248.5920, -7.8390,
-6.6150

114.1230, 60.7770,
104.5290

248.7060, -8.1600,
-6.3040

100.3940, 67.7440,
115.9360

248.9340, -8.8020,
-5.6820

Harmonies

Analogous

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



226.1770, -4.6320, 6.8560



226.9070, 4.9960, 8.5800



226.9850, 13.5240, 8.2120

Triad

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



226.9070, 4.9960, 8.5800



225.1230, 12.6550, -3.5770



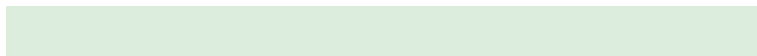
222.2580, -18.5220, -5.7380

Complementary

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



226.9070, 4.9960, 8.5800



230.0930, -4.9960, -8.5800

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.



222.0150, -13.5240, -8.2120



226.9070, 4.9960, 8.5800



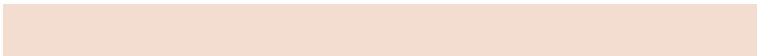
223.8230, 4.6320, -6.8560

Square

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



226.9070, 4.9960, 8.5800



226.2100, 16.9640, 0.9320



222.7940, -5.5920, -8.7920



222.8930, -18.7520, -1.5680

Rectangle

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



226.9070, 4.9960, 8.5800



226.8990, 16.6420, 6.7700



222.7940, -5.5920, -8.7920



221.9160, -17.5590, -6.6710

Sweetspot

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



226.9070, 4.9960, 8.5800



252.0650, 1.3750, 2.6150



222.2370, -4.8610, 5.4990



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.



226.9070, 4.9960, 8.5800



241.3850, 6.6460, 11.7180



225.9950, 7.5640, 6.0920



110.5430, 3.0250, 5.7530



73.4990, 53.3060, 91.2420



21.8460, 16.1340, 26.9980

Inverse Universe

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



226.9070, 4.9960, 8.5800



241.3850, 6.6460, 11.7180



231.0050, -7.5640, -6.0920



110.5430, 3.0250, 5.7530



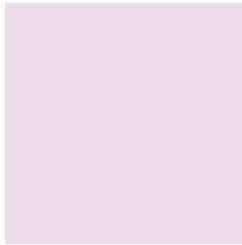
73.4990, 53.3060, 91.2420



21.8460, 16.1340, 26.9980

Previews

White Background



This preview shows how the YIQ color 226.9070, 4.9960, 8.5800 looks on a white background.

Color Contrast Check

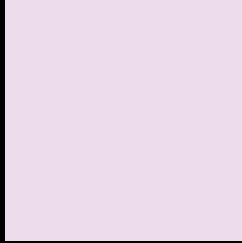
Large Text (above 18pt) WCAG AA × Fail

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 226.9070, 4.9960, 8.5800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

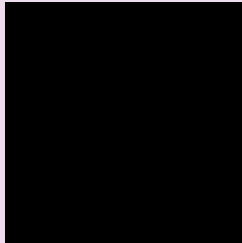
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

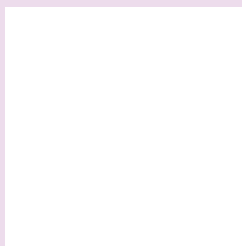
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 226.9070, 4.9960, 8.5800

Background



This preview shows how black text looks on a background with the YIQ color 226.9070, 4.9960, 8.5800.



This preview shows how white text looks on a background with the YIQ color 226.9070, 4.9960,

8.5800.

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

226.9070, 4.9960, 8.5800

Protanopia

225.8950, -3.8980, 4.5660

Deuteranopia

227.2280, 8.5260, 10.6860



Tritanopia

227.0210, 4.6750, 8.8910

Trichromacy



Original Color

226.9070, 4.9960, 8.5800

Protanomaly

226.3900, -0.9180, 5.6260

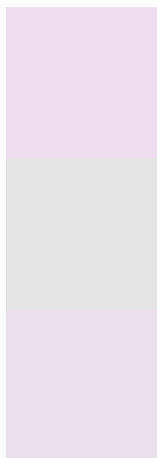
Deuteranomaly

227.2170, 7.0590, 9.7390

Tritanomaly

227.0210, 4.6750, 8.8910

Monochromacy



Original Color

226.9070, 4.9960, 8.5800

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 226.9070, 4.9960, 8.5800 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(237, 220, 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(237, 220, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 220, 236) }
```

Border

The CSS property to change the border of an element to YIQ 226.9070, 4.9960, 8.5800 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, 236) }
```


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

```
.border{ border-color:rgb(237, 220, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 220, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 220, 236); box-shadow:4px 4px 4px 4px rgb(237, 220, 236) }
```

Background

The CSS property to change the background color of an element to YIQ 226.9070, 4.9960, 8.5800 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, 236) }
```

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

```
.background{ background-color: rgb(237,  
220, 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](#).

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