

Converting Colors

YIQ(217.8040, 6.7840, 9.2160)

Have a look what the booklet for
YIQ(217.8040, 6.7840, 9.2160)
contains.

YIQ(217.8040, 6.7840, 9.2160)	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(217.8040, 6.7840,
9.2160)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D2E2
RGB	230, 210, 226
RGB Percent	90%, 82%, 89%
CMY	0.0980, 0.1765, 0.1137
CMYK	0.00, 0.09, 0.02, 0.10
HSL	312°, 29%, 86%
HSV	312°, 9%, 90%
XYZ	69.4103, 68.4057, 81.4995
YIQ	217.8040, 6.7840, 9.2160

Conversions

Conversions Part 2

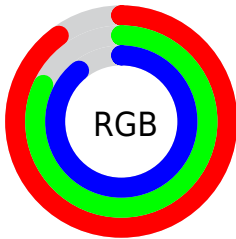
Format	Color
R _Y B	230, 210, 226
Decimal	15127266
CIE Lab	86.21, 9.71, -5.37
CIE LCh	86, 11.092, 331.051
Yxy	68.4057, 0.3165, 0.3119
Android (android.graphics.Color)	4293317346 (0xFFE6D2E2)
YUV	217.8040, 4.0406, 10.6959
Hunter-Lab	82.7077, 5.0631, -0.5284

Details

The YIQ color $217.8040, 6.7840, 9.2160$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $222.1960, -6.7840, -9.2160$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $163.0920, 5.9130, 8.4810$ is the 20% darker color. If you saturate the color by 10%, you get $203.7330, 14.7140, 19.6900$, and if you desaturate by 10%, it is $231.8750, -1.1460, -1.2580$.

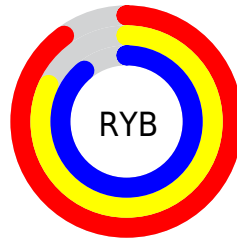
Distribution



Red (90%)

Green (82%)

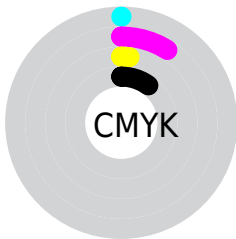
Blue (89%)



Red (90%)

Yellow (82%)

Blue (89%)

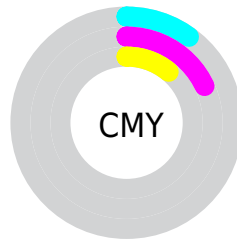


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (10%)



Cyan (10%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.8040, 6.7840, 9.2160 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 217.8040, 6.7840, 9.2160 by changing the saturation by 10% instead.

■ 217.8040, 6.7840,
9.2160

■ 217.8040, 6.7840,
9.2160

255.0000, -0.0000,
-0.0000

■ 189.8040, 6.7840,
9.2160

■ 163.0920, 5.9130,
8.4810

■ 136.3910, 6.5090,
8.6930

■ 111.0920, 5.9130,
8.4810

■ 86.6790, 5.6380,
7.9580

■ 63.2660, 5.3630,
7.4350

■ 41.8530, 5.0880,

6.9120

■ 20.8530, 5.0880,
6.9120

■ 0.0000, 0.0000,
0.0000

■ 217.8040, 6.7840,
9.2160

■ 217.8040, 6.7840,
9.2160

■ 203.7330, 14.7140,
19.6900

■ 231.8750, -1.1460,
-1.2580

■ 189.7760, 22.3230,
30.4750

■ 245.2450, -8.4800,
-11.5200

■ 175.7050, 30.2530,
40.9490

■ 245.8150,
-10.0850, -9.9650

■ 161.7480, 37.8620,
51.7340

■ 246.2710,
-11.3690, -8.7210

■ 147.6770, 45.7920,
62.2080

■ 246.8410,
-12.9740, -7.1660

■ 133.6060, 53.7220,
72.6820

■ 247.4110,
-14.5790, -5.6110

■ 119.6490, 61.3310,
83.4670

■ 247.5250,
-14.9000, -5.3000

■ 105.5780, 69.2610,
93.9410

■ 91.6210, 76.8700,
104.7260

Harmonies

Analogous

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



216.8890, -3.7610, 7.5910



217.8040, 6.7840, 9.2160



218.1700, 14.4410, 8.1130

Triad

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



217.8040, 6.7840, 9.2160



215.4110, 11.7840, -4.3120



212.8880, -20.3560, -5.5400

Complementary

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



217.8040, 6.7840, 9.2160



222.1960, -6.7840, -9.2160

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.



212.3460, -15.9540, -8.2260



217.8040, 6.7840, 9.2160



213.9260, 2.8440, -7.4920

Square

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



217.8040, 6.7840, 9.2160



216.9820, 17.6060, 0.3100



212.8970, -7.3800, -9.4280



214.1210, -19.3940, -0.9460

Rectangle

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



217.8040, 6.7840, 9.2160



217.9700, 17.8800, 6.3600



212.8970, -7.3800, -9.4280



212.5460, -19.3930, -6.4730

Sweetspot

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



217.8040, 6.7840, 9.2160



250.0760, 2.8420, 3.5620



213.4760, -4.0360, 7.0680



124.2500, 2.2920, 2.5160



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.



217.8040, 6.7840, 9.2160



239.7550, 8.4800, 11.5200



216.6640, 9.9940, 6.1060



107.6140, 4.2630, 5.3430



69.8230, 60.7810, 82.4210



19.9230, 17.2350, 23.5630

Inverse Universe

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



217.8040, 6.7840, 9.2160



239.7550, 8.4800, 11.5200



223.3360, -9.9940, -6.1060



107.6140, 4.2630, 5.3430



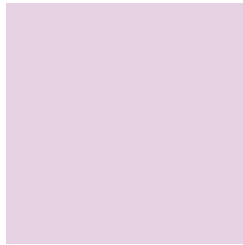
69.8230, 60.7810, 82.4210



19.9230, 17.2350, 23.5630

Previews

White Background



This preview shows how the YIQ color 217.8040, 6.7840, 9.2160 looks on a white background.

Color Contrast Check

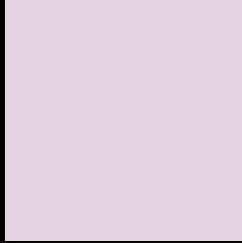
Large Text (above 18pt) WCAG AA × Fail

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 217.8040, 6.7840, 9.2160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

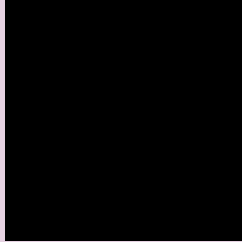
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.8040, 6.7840, 9.2160

Background



This preview shows how black text looks on a background with the YIQ color 217.8040, 6.7840, 9.2160.

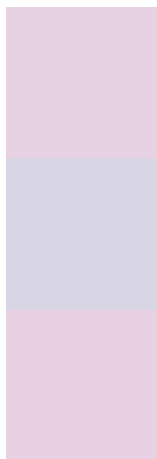


This preview shows how white text looks on a background with the YIQ color 217.8040, 6.7840,

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

217.8040, 6.7840, 9.2160

Protanopia

216.3080, -3.6230, 5.0890

Deuteranopia

217.8150, 8.2510, 10.1630



Tritanopia

217.8040, 6.7840, 9.2160

Trichromacy



Original Color

217.8040, 6.7840, 9.2160

Protanomaly

217.1020, -0.0470, 6.3610

Deuteranomaly

217.5160, 7.6550, 9.9510

Tritanomaly

217.8040, 6.7840, 9.2160

Monochromacy



Original Color

217.8040, 6.7840, 9.2160

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.7770, 2.2460, 3.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.8040, 6.7840, 9.2160 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(230, 210, 226)` looks like.

```
.text, #text, p{  
    color:rgb(230, 210, 226)  
}
```

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(230, 210, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 210, 226) }
```

Border

The CSS property to change the border of an element to YIQ 217.8040, 6.7840, 9.2160 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(230, 210, 226) }
```


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

```
.border{ border-color:rgb(230, 210, 226) }
```

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

Here you see how a box with a 4 pixel rgb(230, 210, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 210, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 210, 226);  
box-shadow:4px 4px 4px 4px rgb(230, 210,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 217.8040, 6.7840, 9.2160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 210, 226) }
```

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

```
.background{ background-color: rgb(230,  
210, 226) }
```

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