

Converting Colors

YIQ(217.6720, 7.5160, 17.9800)

Have a look what the booklet for
YIQ(217.6720, 7.5160, 17.9800)
contains.

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Color

**YIQ(217.6720, 7.5160,
17.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCCCF0
RGB	236, 204, 240
RGB Percent	93%, 80%, 94%
CMY	0.0744, 0.2000, 0.0588
CMYK	0.02, 0.15, 0.00, 0.06
HSL	293°, 55%, 87%
HSV	293°, 15%, 94%
XYZ	71.9184, 67.3079, 91.6397
YIQ	217.6720, 7.5160, 17.9800

Conversions

Conversions Part 2

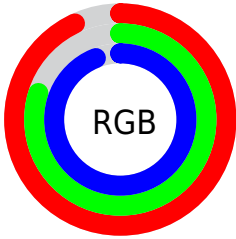
Format	Color
R _Y B	236, 204, 240
Decimal	15518960
CIE Lab	85.66, 17.43, -13.56
CIE LCh	86, 22.085, 322.135
Yxy	67.3079, 0.3115, 0.2915
Android (android.graphics.Color)	4293709040 (0xFFECCCFF)
YUV	217.6720, 11.0077, 16.0737
Hunter-Lab	82.0414, 12.9027, -8.7976

Details

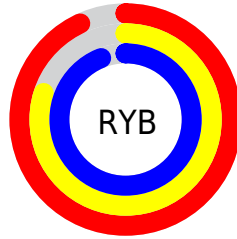
The YIQ color $217.6720, 7.5160, 17.9800$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $226.3280, -7.5160, -17.9800$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $162.8460, 6.9660, 16.9340$ is the 20% darker color. If you saturate the color by 10%, you get $202.6870, 12.3280, 29.8960$, and if you desaturate by 10%, it is $232.6570, 2.7040, 6.0640$.

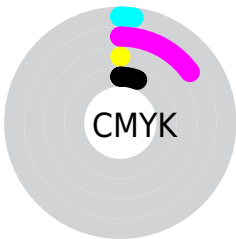
Distribution



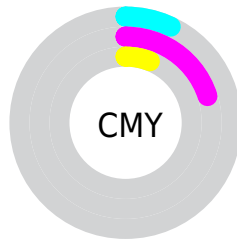
- Red (93%)
- Green (80%)
- Blue (94%)



- Red (93%)
- Yellow (80%)
- Blue (94%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (7%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.6720, 7.5160, 17.9800 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 217.6720, 7.5160, 17.9800 by changing the saturation by 10% instead.

217.6720, 7.5160,
17.9800

217.6720, 7.5160,
17.9800

255.0000, -0.0000,
-0.0000

189.6720, 7.5160,
17.9800

162.8460, 6.9660,
16.9340

136.4330, 6.6910,
16.4110

111.0200, 6.4160,
15.8880

86.6070, 6.1410,
15.3650

62.8950, 5.2700,
14.6300

40.3680, 5.3160,

13.7960

■ 18.7810, 5.5910,
14.3190

■ 2.1830, -4.7690,
3.8310

■ 217.6720, 7.5160,
17.9800

■ 217.6720, 7.5160,
17.9800

■ 202.6870, 12.3280,
29.8960

■ 232.6570, 2.7040,
6.0640

■ 188.0010, 17.7360,
42.0240

■ 247.3430, -2.7040,
-6.0640

■ 173.0160, 22.5480,
53.9400

■ 250.0010, -1.7410,
-6.9970

■ 158.0310, 27.3600,
65.8560

■ 250.8980, 0.0470,
-6.3610

■ 143.3450, 32.7680,
77.9840

■ 251.4960, 1.2390,
-5.9370

■ 128.3600, 37.5800,
89.9000

■ 252.3930, 3.0270,
-5.3010

■ 113.3750, 42.3920,
101.8160

■ 253.2900, 4.8150,
-4.6650

■ 98.6890, 47.8000,
113.9440

■ 91.3460, 50.5040,
120.0080

Harmonies

Analogous

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



215.7880, -13.4820, 13.0620



217.6720, 7.5160, 17.9800



218.1270, 25.1680, 17.4560

Triad

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



217.6720, 7.5160, 17.9800



214.1430, 27.0980, -6.5180



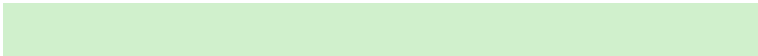
206.0100, -41.4910, -13.4830

Complementary

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



217.6720, 7.5160, 17.9800



226.3280, -7.5160, -17.9800

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.



206.9050, -28.1940, -17.6820



217.6720, 7.5160, 17.9800



211.9020, 11.4190, -14.2210

Square

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



217.6720, 7.5160, 17.9800



215.8440, 35.6700, 3.3340



209.1430, -8.4330, -17.8810



207.6820, -43.1430, -5.5670

Rectangle

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



217.6720, 7.5160, 17.9800



217.1290, 30.8540, 13.5260



209.1430, -8.4330, -17.8810



205.8100, -38.0520, -15.2360

Sweetspot

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



217.6720, 7.5160, 17.9800



247.0700, 2.9790, 6.5870



210.4520, -12.6560, 9.1040



123.0050, 1.6040, 3.9720



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.



217.6720, 7.5160, 17.9800



226.5030, 9.6700, 22.9980



217.2720, 14.3940, 14.4740



112.6570, 2.7040, 6.0640



69.7130, 38.0840, 91.7800



21.3340, 11.8240, 28.0160

Inverse Universe

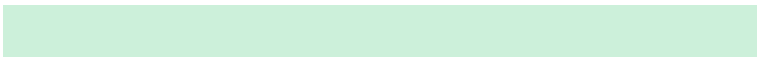
The Inverse Universe completely reimagines the original color for something new.



215.2200, 20.1720, 8.8760



223.3240, 25.8110, 11.3070



226.7280, -14.3940, -14.4740



111.7020, 6.8310, 2.8550



57.2960, 103.2440, 45.2280



17.4280, 31.4500, 13.7380

Previews

White Background



This preview shows how the YIQ color 217.6720, 7.5160, 17.9800 looks on a white background.

Color Contrast Check

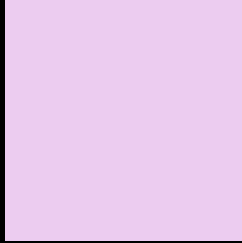
Large Text (above 18pt) WCAG AA × Fail

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 217.6720, 7.5160, 17.9800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

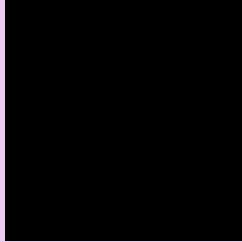
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.6720, 7.5160, 17.9800

Background



This preview shows how black text looks on a background with the YIQ color 217.6720, 7.5160, 17.9800.



This preview shows how white text looks on a background with the YIQ color 217.6720, 7.5160,

17.9800.

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

217.6720, 7.5160, 17.9800

Protanopia

215.5660, -12.9770, 9.4150

Deuteranopia

216.9050, -0.6900, 12.5100



Tritanopia

216.8970, 10.9560, 10.7000

Trichromacy



Original Color

217.6720, 7.5160, 17.9800

Protanomaly

216.5670, -5.5500, 12.4820

Deuteranomaly

216.9270, 2.2440, 14.4040

Tritanomaly

217.2930, 9.9010, 13.3010

Monochromacy



Original Color

217.6720, 7.5160, 17.9800

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.0700, 2.9790, 6.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.6720, 7.5160, 17.9800 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(236, 204, 240)` looks like.

```
.text, #text, p{  
    color:rgb(236, 204, 240)  
}
```

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(236, 204, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 204, 240) }
```

Border

The CSS property to change the border of an element to YIQ 217.6720, 7.5160, 17.9800 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(236, 204, 240) }
```


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

```
.border{ border-color:rgb(236, 204, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 204, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 204, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 204, 240);  
box-shadow:4px 4px 4px 4px rgb(236, 204,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 217.6720, 7.5160, 17.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 204, 240) }
```

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

```
.background{ background-color: rgb(236,  
204, 240) }
```

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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