

Converting Colors

YIQ(209.7640, 13.4290, 26.4610)

Have a look what the booklet for
YIQ(209.7640, 13.4290, 26.4610)
contains.

YIQ(209.7640, 13.4290, 26.4610)	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(209.7640, 13.4290,
26.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	EFBDF0
RGB	239, 189, 240
RGB Percent	94%, 74%, 94%
CMY	0.0626, 0.2589, 0.0588
CMYK	0.00, 0.21, 0.00, 0.06
HSL	299°, 63%, 84%
HSV	299°, 21%, 94%
XYZ	69.5314, 61.0351, 90.5571
YIQ	209.7640, 13.4290, 26.4610

Conversions

Conversions Part 2

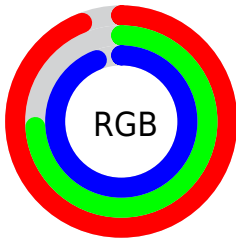
Format	Color
R _Y B	239, 189, 240
Decimal	15711728
CIE Lab	82.40, 26.40, -18.43
CIE LCh	82, 32.195, 325.073
Yxy	61.0351, 0.3144, 0.2760
Android (android.graphics.Color)	4293901808 (0xFFEFBDF0)
YUV	209.7640, 14.9063, 25.6400
Hunter-Lab	78.1250, 22.1467, -14.0374

Details

The YIQ color $209.7640, 13.4290, 26.4610$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $219.2360, -13.4290, -26.4610$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7170, 2.4750, 4.7070$, and $154.9380, 12.8790, 25.4150$ is the 20% darker color. If you saturate the color by 10%, you get $195.6760, 20.0290, 39.0130$, and if you desaturate by 10%, it is $223.8520, 6.8290, 13.9090$.

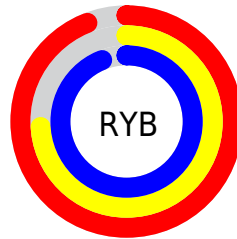
Distribution



Red (94%)

Green (74%)

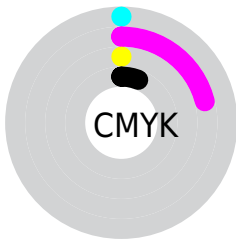
Blue (94%)



Red (94%)

Yellow (74%)

Blue (94%)

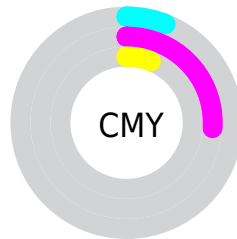


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (6%)


Magenta (26%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 209.7640, 13.4290, 26.4610 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 209.7640, 13.4290, 26.4610 by changing the saturation by 10% instead.


 209.7640, 13.4290,
26.4610


 209.7640, 13.4290,
26.4610

255.0000, -0.0000,
-0.0000


 182.0520, 12.5580,
25.7260


 249.7170, 2.4750,
4.7070

 154.9380, 12.8790,
25.4150

 128.8130, 11.7330,
24.1570

 103.4000, 11.4580,
23.6340

 78.6880, 10.5870,
22.8990

 55.1610, 10.6330,
22.0650

 32.4490, 9.7620,

21.3300

■ 14.6830, 8.9830,
18.9270

■ 2.0690, -4.4480,
3.5200

■ 209.7640, 13.4290,
26.4610

■ 209.7640, 13.4290,
26.4610

■ 195.6760, 20.0290,
39.0130

■ 223.8520, 6.8290,
13.9090

■ 181.2890, 26.0330,
51.3530

■ 238.2390, 0.8250,
1.5690

■ 167.2010, 32.6330,
63.9050

■ 248.8050, -4.1250,
-7.8450

■ 152.8140, 38.6370,
76.2450

■ 249.1040, -3.5290,
-7.6330

■ 138.7260, 45.2370,
88.7970

■ 249.4030, -2.9330,
-7.4210

■ 124.3390, 51.2410,
101.1370

■ 249.7020, -2.3370,
-7.2090

■ 110.2510, 57.8410,
113.6890

■ 97.6250, 63.0200,
124.4600

Harmonies

Analogous

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



206.5800, -15.5920, 18.2640



209.7640, 13.4290, 26.4610



207.7200, 33.9240, 23.9720

Triad

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



209.7640, 13.4290, 26.4610



203.5860, 35.8560, -11.0560



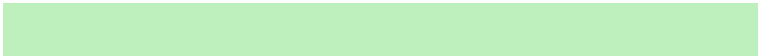
189.4350, -67.8530, -20.3090

Complementary

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



209.7640, 13.4290, 26.4610



219.2360, -13.4290, -26.4610

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.



192.4680, -46.2570, -26.2330



209.7640, 13.4290, 26.4610



200.7570, 13.0250, -21.3030

Square

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



209.7640, 13.4290, 26.4610



206.2600, 49.0580, 2.9940



196.6810, -16.1800, -26.1640



192.8130, -68.4970, -8.6330

Rectangle

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



209.7640, 13.4290, 26.4610



205.4400, 40.3440, 17.7520



196.6810, -16.1800, -26.1640



190.0780, -62.5340, -23.0940

Sweetspot

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



209.7640, 13.4290, 26.4610



246.1950, 4.1250, 7.8450



195.9880, -16.9210, 14.8150



122.4180, 1.8790, 4.4950



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.



209.7640, 13.4290, 26.4610



215.9590, 17.5540, 34.3060



207.3270, 21.7290, 19.2090



112.9560, 3.3000, 6.2760



74.7960, 48.2160, 95.3840



22.8290, 14.8040, 29.0760

Inverse Universe

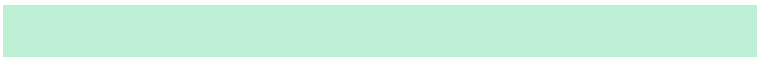
The Inverse Universe completely reimagines the original color for something new.



204.3630, 30.0750, 11.1230



208.8480, 39.0150, 14.3030



221.6730, -21.7290, -19.2090



111.5880, 7.1520, 2.5440



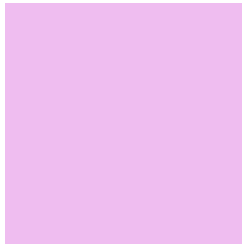
55.3580, 108.7010, 39.9410



16.8580, 33.0550, 12.1830

Previews

White Background



This preview shows how the YIQ color 209.7640, 13.4290, 26.4610 looks on a white background.

Color Contrast Check

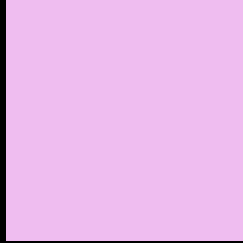
Large Text (above 18pt) WCAG AA × Fail

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 209.7640, 13.4290, 26.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

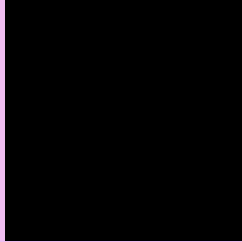
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.7640, 13.4290, 26.4610

Background



This preview shows how black text looks on a background with the YIQ color 209.7640, 13.4290, 26.4610.



This preview shows how white text looks on a background with the YIQ color 209.7640, 13.4290,

26.4610.

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

209.7640, 13.4290, 26.4610

Protanopia

205.9660, -19.8550, 12.9210

Deuteranopia

207.3220, -6.2380, 13.9380



Tritanopia

208.0830, 19.3000, 13.6680

Trichromacy



Original Color

209.7640, 13.4290, 26.4610



Protanomaly

207.3590, -7.6600, 17.6840



Deuteranomaly

208.3770, 1.0970, 18.6730



Tritanomaly

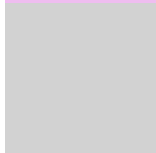
208.4620, 16.9150, 18.3470

Monochromacy



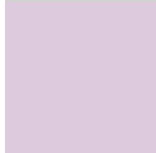
Original Color

209.7640, 13.4290, 26.4610



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.8470, 5.2250, 9.9370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.7640, 13.4290, 26.4610 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(239, 189, 240)` looks like.

```
.text, #text, p{  
    color:rgb(239, 189, 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(239, 189, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 189, 240) }
```

Border

The CSS property to change the border of an element to YIQ 209.7640, 13.4290, 26.4610 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(239, 189, 240) }
```


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

```
.border{ border-color:rgb(239, 189, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 189, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 189, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 189, 240);  
box-shadow:4px 4px 4px 4px rgb(239, 189,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 209.7640, 13.4290, 26.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 189, 240) }
```

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

```
.background{ background-color: rgb(239,  
189, 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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