

Converting Colors

YIQ(187.5640, 26.0360, 34.7720)

Have a look what the booklet for
YIQ(187.5640, 26.0360, 34.7720)
contains.

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Color

**YIQ(187.5640, 26.0360,
34.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	EA9EDA
RGB	234, 158, 218
RGB Percent	92%, 62%, 85%
CMY	0.0821, 0.3805, 0.1450
CMYK	0.00, 0.33, 0.07, 0.08
HSL	313°, 64%, 77%
HSV	313°, 33%, 92%
XYZ	58.8282, 47.0074, 72.3124
YIQ	187.5640, 26.0360, 34.7720

Conversions

Conversions Part 2

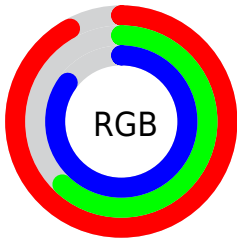
Format	Color
R_{YB}	234, 158, 218
Decimal	15376090
CIE _{Lab}	74.19, 37.34, -18.99
CIE _{LCh}	74, 41.888, 333.047
Yxy	47.0074, 0.3302, 0.2639
Android (android.graphics.Color)	4293566170 (0xFFEA9EDA)
YUV	187.5640, 15.0049, 40.7244
Hunter-Lab	68.5620, 33.1748, -14.5398

Details

The YIQ color $187.5640, 26.0360, 34.7720$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $204.4360, -26.0360, -34.7720$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.9330, 11.2750, 21.4430$, and $133.1400, 24.2940, 33.3020$ is the 20% darker color. If you saturate the color by 10%, you get $173.4930, 33.9660, 45.2460$, and if you desaturate by 10%, it is $201.6350, 18.1060, 24.2980$.

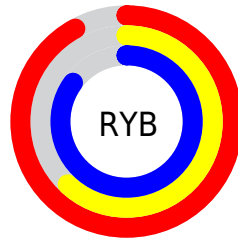
Distribution



Red (92%)

Green (62%)

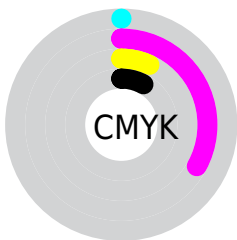
Blue (85%)



Red (92%)

Yellow (62%)

Blue (85%)

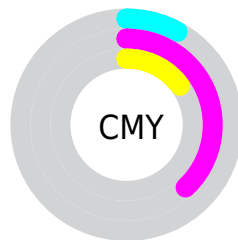


Cyan (0%)

Magenta (33%)

Yellow (7%)

Black (8%)



Cyan (8%)


Magenta (38%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.5640, 26.0360, 34.7720 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 187.5640, 26.0360, 34.7720 by changing the saturation by 10% instead.


 187.5640, 26.0360,
34.7720

 187.5640, 26.0360,
34.7720


255.0000, -0.0000,
-0.0000


 159.8520, 25.1650,
34.0370


 230.9330, 11.2750,
21.4430


 133.1400, 24.2940,
33.3020

 247.3690, 3.5750,
6.7990

 107.4280, 23.4230,
32.5670

 81.7160, 22.5520,
31.8320

 56.5310, 21.6350,
31.9310

 29.8840, 22.1390,
33.8110

 19.0260, 15.4470,

22.9270

■ 7.9610, 4.9040,
10.2480

■ 0.0000, 0.0000,
0.0000

■ 187.5640, 26.0360,
34.7720

■ 187.5640, 26.0360,
34.7720

■ 173.4930, 33.9660,
45.2460

■ 201.6350, 18.1060,
24.2980

■ 158.8350, 42.1710,
56.2430

■ 216.2930, 9.9010,
13.3010

■ 144.7640, 50.1010,
66.7170

■ 230.3640, 1.9710,
2.8270

■ 130.1060, 58.3060,
77.7140

■ 245.0220, -6.2340,
-8.1700

■ 116.0350, 66.2360,
88.1880

■ 247.3530, -8.6640,
-8.1840

■ 101.9640, 74.1660,
98.6620

■ 247.9230,
-10.2690, -6.6290

■ 91.0560, 80.0790,
107.1430

■ 248.4930,
-11.8740, -5.0740

■ 248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



185.9430, -11.8800, 28.0880



187.5640, 26.0360, 34.7720



185.9890, 52.4000, 30.5440

Triad

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



187.5640, 26.0360, 34.7720



179.2130, 38.1040, -18.7600



143.9960, -127.1330, -36.2930

Complementary

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



187.5640, 26.0360, 34.7720



204.4360, -26.0360, -34.7720

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.



156.9950, -81.8340, -36.7620



187.5640, 26.0360, 34.7720



175.2520, 6.8370, -30.3070

Square

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



187.5640, 26.0360, 34.7720



182.2900, 57.5410, -2.0670



168.7280, -32.7300, -34.6020



159.6980, -101.9660, -13.3100

Rectangle

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



187.5640, 26.0360, 34.7720



184.1990, 60.1960, 21.4120



168.7280, -32.7300, -34.6020



143.2150, -123.5560, -40.5480

Sweetspot

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



187.5640, 26.0360, 34.7720



239.7550, 8.4800, 11.5200



171.1490, -15.4560, 26.8160



118.1520, 5.6840, 7.1240



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.



187.5640, 26.0360, 34.7720



194.4930, 33.9660, 45.2460



183.3460, 37.9130, 23.2650



110.3150, 3.6670, 5.1310



70.4210, 61.9730, 82.8450



20.9340, 18.7020, 24.5100

Inverse Universe

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



187.5640, 26.0360, 34.7720



194.4930, 33.9660, 45.2460



208.6540, -37.9130, -23.2650



110.3150, 3.6670, 5.1310



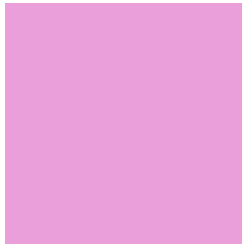
70.4210, 61.9730, 82.8450



20.9340, 18.7020, 24.5100

Previews

White Background



This preview shows how the YIQ color 187.5640, 26.0360, 34.7720 looks on a white background.

Color Contrast Check

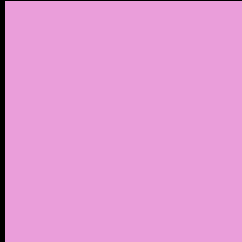
Large Text (above 18pt) WCAG AA × Fail

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 187.5640, 26.0360, 34.7720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

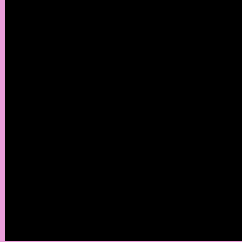
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.5640, 26.0360, 34.7720

Background



This preview shows how black text looks on a background with the YIQ color 187.5640, 26.0360, 34.7720.



This preview shows how white text looks on a background with the YIQ color 187.5640, 26.0360,

34.7720.

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

187.5640, 26.0360, 34.7720

Protanopia

183.4540, -24.1650, 13.9390

Deuteranopia

184.1970, -7.3840, 12.6800



Tritanopia

186.2050, 33.6960, 17.0880

Trichromacy



Original Color

187.5640, 26.0360, 34.7720

Protanomaly

185.2500, -5.7350, 21.3450

Deuteranomaly

185.5840, 4.9480, 20.4680

Tritanomaly

186.7520, 30.8980, 23.7460

Monochromacy



Original Color

187.5640, 26.0360, 34.7720

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8800, 9.6260, 12.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.5640, 26.0360, 34.7720 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(234, 158, 218)` looks like.

```
.text, #text, p{  
    color:rgb(234, 158, 218)  
}
```

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(234, 158, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 158, 218) }
```

Border

The CSS property to change the border of an element to YIQ 187.5640, 26.0360, 34.7720 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(234, 158, 218) }
```


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

```
.border{ border-color:rgb(234, 158, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 158, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 158, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 158, 218);  
box-shadow:4px 4px 4px 4px rgb(234, 158,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 187.5640, 26.0360, 34.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 158, 218) }
```

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

```
.background{ background-color: rgb(234,  
158, 218) }
```

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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