

Converting Colors

YIQ(187.4720, 37.3180, 17.5260)

Have a look what the booklet for
YIQ(187.4720, 37.3180, 17.5260)
contains.

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Color

**YIQ(187.4720, 37.3180,
17.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	EAA6B0
RGB	234, 166, 176
RGB Percent	92%, 65%, 69%
CMY	0.0822, 0.3491, 0.3097
CMYK	0.00, 0.29, 0.25, 0.08
HSL	351°, 62%, 78%
HSV	351°, 29%, 92%
XYZ	55.4168, 47.8977, 47.4173
YIQ	187.4720, 37.3180, 17.5260

Conversions

Conversions Part 2

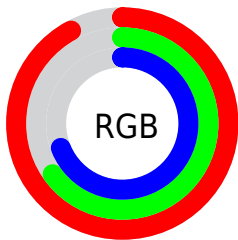
Format	Color
RYB	234, 166, 176
Decimal	15378096
CIELab	74.76, 26.50, 4.89
CIELCh	75, 26.945, 10.450
Yxy	47.8977, 0.3677, 0.3178
Android (android.graphics.Color)	4293568176 (0xFFEAA6B0)
YUV	187.4720, -5.6557, 40.8051
Hunter-Lab	69.2082, 21.8153, 7.8238

Details

The YIQ color $187.4720, 37.3180, 17.5260$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $212.5280, -37.3180, -17.5260$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.0070, 16.4580, 10.1060$, and $133.3900, 34.6130, 16.9890$ is the 20% darker color. If you saturate the color by 10%, you get $171.6910, 50.0630, 23.3350$, and if you desaturate by 10%, it is $203.2530, 24.5730, 11.7170$.

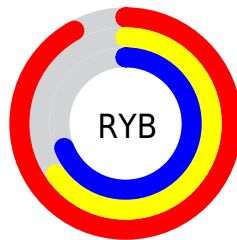
Distribution



Red (92%)

Green (65%)

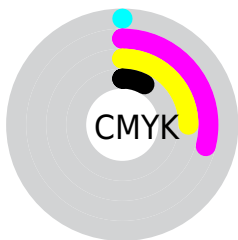
Blue (69%)



Red (92%)

Yellow (65%)

Blue (69%)

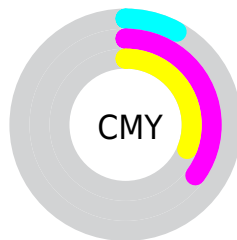


Cyan (0%)

Magenta (29%)

Yellow (25%)

Black (8%)



Cyan (8%)


Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.4720, 37.3180, 17.5260 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 187.4720, 37.3180, 17.5260 by changing the saturation by 10% instead.

 187.4720, 37.3180,
17.5260

 187.4720, 37.3180,
17.5260


255.0000, -0.0000,
-0.0000


 159.8740, 36.1260,
17.1020


 232.4200, 16.7330,
10.6290


 133.3900, 34.6130,
16.9890

 252.0650, 1.3750,
2.6150

 107.4930, 32.8250,
16.3530

 82.8950, 31.6330,
15.9290

 58.6990, 29.2490,
15.0810

 35.3290, 27.4150,
15.2790

 15.1500, 26.3610,

12.3530

■ 2.9900, 5.9600,
2.1200

■ 0.0000, 0.0000,
0.0000

■ 187.4720, 37.3180,
17.5260

■ 187.4720, 37.3180,
17.5260

■ 171.6910, 50.0630,
23.3350

■ 203.2530, 24.5730,
11.7170

■ 155.3230, 63.0830,
29.6670

■ 219.6210, 11.5530,
5.3850

■ 139.5420, 75.8280,
35.4760

■ 235.4020, -1.1920,
-0.4240

■ 123.1740, 88.8480,
41.8080

■ 248.7210,
-12.5160, -4.4520

■ 107.3930,
101.5930, 47.6170

■ 91.6120, 114.3380,
53.4260

■ 75.2440, 127.3580,
59.7580

■ 73.9560, 128.2290,
60.4930

Harmonies

Analogous

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



188.2070, 22.1870, 21.9230



187.4720, 37.3180, 17.5260



186.3010, 41.8130, 7.6450

Triad

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



187.4720, 37.3180, 17.5260



178.9820, -0.7300, -19.8180



177.8050, -47.6830, -0.3790

Complementary

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



187.4720, 37.3180, 17.5260



212.5280, -37.3180, -17.5260

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.



173.0500, -56.1630, -11.8990



187.4720, 37.3180, 17.5260



175.9390, -25.5340, -21.8380

Square

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



187.4720, 37.3180, 17.5260



181.6920, 20.8180, -13.8540



172.7980, -46.9460, -19.2500



183.5030, -25.8610, 11.6350

Rectangle

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



187.4720, 37.3180, 17.5260



185.0030, 39.4760, 0.4360



172.7980, -46.9460, -19.2500



175.8320, -52.3130, -4.5770

Sweetspot

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



187.4720, 37.3180, 17.5260



239.2190, 12.7450, 5.8090



191.0940, 12.7400, 33.4440



117.8270, 7.9770, 4.1130



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.



187.4720, 37.3180, 17.5260



194.0930, 48.8710, 22.9110



200.4200, 33.9280, 1.8640



109.4030, 6.2350, 2.6430



57.1970, 99.2090, 46.7690



17.0580, 29.6160, 13.9360

Inverse Universe

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



187.4720, 37.3180, 17.5260



194.0930, 48.8710, 22.9110



199.5800, -33.9280, -1.8640



109.4030, 6.2350, 2.6430



57.1970, 99.2090, 46.7690



17.0580, 29.6160, 13.9360

Previews

White Background



This preview shows how the YIQ color 187.4720, 37.3180, 17.5260 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 187.4720, 37.3180, 17.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

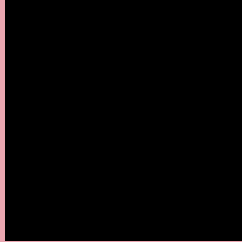
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.4720, 37.3180, 17.5260

Background



This preview shows how black text looks on a background with the YIQ color 187.4720, 37.3180, 17.5260.



This preview shows how white text looks on a background with the YIQ color 187.4720, 37.3180,

17.5260.

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

187.4720, 37.3180, 17.5260

Protanopia

184.5380, 1.4210, 1.7810

Deuteranopia

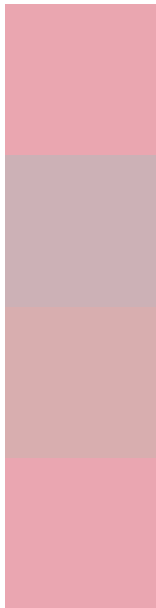
185.9160, 17.9720, 4.6920



Tritanopia

187.7000, 36.6760, 18.1480

Trichromacy



Original Color

187.4720, 37.3180, 17.5260

Protanomaly

185.6430, 14.4870, 7.2790

Deuteranomaly

186.6720, 24.7110, 9.2150

Tritanomaly

187.5860, 36.9970, 17.8370

Monochromacy



Original Color

187.4720, 37.3180, 17.5260

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.9310, 13.6160, 6.5440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.4720, 37.3180, 17.5260 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, 166, 176)` looks like.

```
.text, #text, p{  
    color:rgb(234, 166, 176)  
}
```

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, 166, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 166, 176) }
```

Border

The CSS property to change the border of an element to YIQ 187.4720, 37.3180, 17.5260 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, 166, 176) }
```


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

```
.border{ border-color:rgb(234, 166, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 166, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 166, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 166, 176);  
box-shadow:4px 4px 4px 4px rgb(234, 166,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 187.4720, 37.3180, 17.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 166, 176) }
```

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

```
.background{ background-color: rgb(234,  
166, 176) }
```

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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