

Converting Colors

YIQ(187.8050, 40.5740, 13.5820)

Have a look what the booklet for
YIQ(187.8050, 40.5740, 13.5820)
contains.

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Color

**YIQ(187.8050, 40.5740,
13.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA8A6
RGB	235, 168, 166
RGB Percent	92%, 66%, 65%
CMY	0.0783, 0.3413, 0.3489
CMYK	0.00, 0.29, 0.29, 0.08
HSL	2°, 63%, 79%
HSV	2°, 29%, 92%
XYZ	55.1584, 48.4186, 42.5349
YIQ	187.8050, 40.5740, 13.5820

Conversions

Conversions Part 2

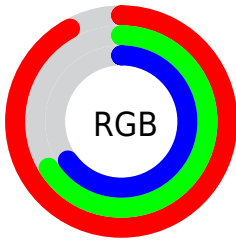
Format	Color
R _Y B	235, 168, 166
Decimal	15444134
CIE Lab	75.09, 24.43, 10.84
CIE LCh	75, 26.733, 23.933
Yxy	48.4186, 0.3775, 0.3314
Android (android.graphics.Color)	4293634214 (0xFFEBA8A6)
YUV	187.8050, -10.7499, 41.3900
Hunter-Lab	69.5835, 19.7249, 12.4657

Details

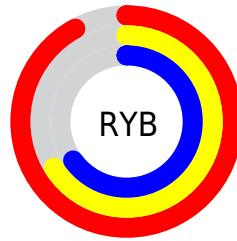
The YIQ color **187.8050, 40.5740, 13.5820** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **213.1950, -40.5740, -13.5820**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.9270, 19.4390, 5.6390**, and **133.7230, 37.8690, 13.0450** is the 20% darker color. If you saturate the color by 10%, you get **171.6820, 54.2820, 18.4580**, and if you desaturate by 10%, it is **204.0420, 26.5450, 9.0170**.

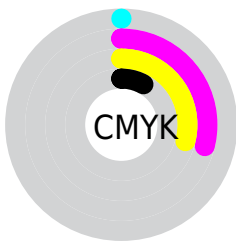
Distribution



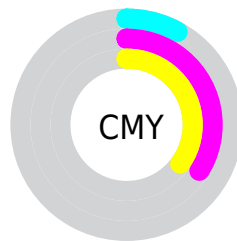
- Red (92%)
- Green (66%)
- Blue (65%)



- Red (92%)
- Yellow (66%)
- Blue (65%)



- Cyan (0%)
- Magenta (29%)
- Yellow (29%)
- Black (8%)




- Cyan (8%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.8050, 40.5740, 13.5820 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 187.8050, 40.5740, 13.5820 by changing the saturation by 10% instead.

 187.8050, 40.5740,
13.5820


 187.8050, 40.5740,
13.5820

255.0000, -0.0000,
-0.0000


 160.3210, 39.0610,
13.4690


 232.9270, 19.4390,
5.6390


 133.7230, 37.8690,
13.0450

 252.6690, 2.4300,
0.0140

 107.9400, 35.7600,
12.7200

 83.0430, 33.9720,
12.0840

 59.2600, 31.8630,
11.7590

 36.2920, 28.8370,
11.5330

 14.3520, 28.6080,

10.1760

■ 2.6910, 5.3640,
1.9080

■ 0.0000, 0.0000,
0.0000

■ 187.8050, 40.5740,
13.5820

■ 187.8050, 40.5740,
13.5820

■ 171.6820, 54.2820,
18.4580

■ 204.0420, 26.5450,
9.0170

■ 155.4450, 68.3110,
23.0230

■ 220.1650, 12.8370,
4.1410

■ 139.3220, 82.0190,
27.8990

■ 236.4020, -1.1920,
-0.4240

■ 123.6720, 95.7730,
31.9410

■ 249.0200,
-11.9200, -4.2400

■ 107.5490,
109.4810, 36.8170

■ 91.3120, 123.5100,
41.3820

■ 75.1890, 137.2180,
46.2580

■ 74.3740, 138.1350,
46.1590

Harmonies

Analogous

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



188.5730, 29.8440, 20.8200



187.8050, 40.5740, 13.5820



186.6550, 40.5760, 2.5280

Triad

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



187.8050, 40.5740, 13.5820



178.1810, -11.5960, -21.1320



181.7570, -38.5600, 4.9920

Complementary

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



187.8050, 40.5740, 13.5820



213.1950, -40.5740, -13.5820

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.



175.8810, -54.0090, -6.8810



187.8050, 40.5740, 13.5820



174.9040, -35.6210, -20.7490

Square

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



187.8050, 40.5740, 13.5820



181.3210, 11.5570, -16.7230



173.2690, -52.5860, -16.1540



186.2980, -14.8580, 15.9740

Rectangle

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



187.8050, 40.5740, 13.5820



185.0900, 34.6170, -5.1190



173.2690, -52.5860, -16.1540



179.5280, -45.3450, 1.3030

Sweetspot

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



187.8050, 40.5740, 13.5820



239.4640, 13.4330, 4.3530



194.3830, 19.2960, 35.7760



118.0720, 8.6650, 2.6570



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.



187.8050, 40.5740, 13.5820



193.7850, 52.4940, 17.8220



207.7630, 31.2240, -4.2000



109.2890, 6.5560, 2.3320



57.0540, 106.5010, 35.7570



17.3200, 31.6340, 10.4020

Inverse Universe

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



213.1950, -40.5740, -13.5820



226.6280, -52.2190, -17.2990



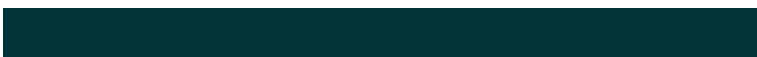
193.2370, -31.2240, 4.2000



113.7110, -6.5560, -2.3320



123.9460, -106.5010, -35.7570



36.6800, -31.6340, -10.4020

Previews

White Background



This preview shows how the YIQ color 187.8050, 40.5740, 13.5820 looks on a white background.

Color Contrast Check

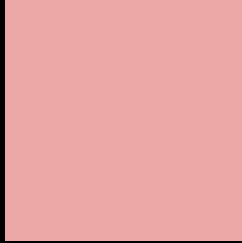
Large Text (above 18pt) WCAG AA × Fail

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 187.8050, 40.5740, 13.5820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

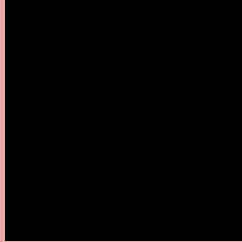
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.8050, 40.5740, 13.5820

Background



This preview shows how black text looks on a background with the YIQ color 187.8050, 40.5740, 13.5820.



This preview shows how white text looks on a background with the YIQ color 187.8050, 40.5740,

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

187.8050, 40.5740, 13.5820

Protanopia

185.6540, 6.7860, -1.8380

Deuteranopia

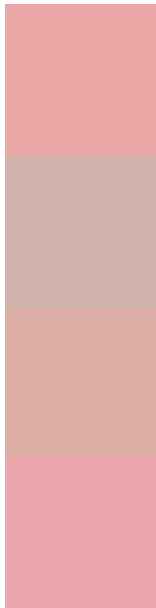
186.2710, 24.1620, 2.6420



Tritanopia

188.4120, 37.5470, 18.8830

Trichromacy



Original Color

187.8050, 40.5740, 13.5820

Protanomaly

186.5740, 18.9350, 3.7590

Deuteranomaly

186.7280, 30.3050, 6.9530

Tritanomaly

188.4290, 38.8770, 16.8050

Monochromacy



Original Color

187.8050, 40.5740, 13.5820

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0620, 14.6250, 4.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.8050, 40.5740, 13.5820 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(235, 168, 166)` looks like.

```
.text, #text, p{  
    color:rgb(235, 168, 166)  
}
```

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(235, 168, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 168, 166) }
```

Border

The CSS property to change the border of an element to YIQ 187.8050, 40.5740, 13.5820 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(235, 168, 166) }
```


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

```
.border{ border-color:rgb(235, 168, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 168, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 168, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 168, 166);  
box-shadow:4px 4px 4px 4px rgb(235, 168,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 187.8050, 40.5740, 13.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 168, 166) }
```

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

```
.background{ background-color: rgb(235,  
168, 166) }
```

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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