

Converting Colors

YIQ(187.5040, 42.3190, -1.5290)

Have a look what the booklet for
YIQ(187.5040, 42.3190, -1.5290)
contains.

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Color

**YIQ(187.5040, 42.3190,
-1.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B18A
RGB	227, 177, 138
RGB Percent	89%, 69%, 54%
CMY	0.1097, 0.3059, 0.4586
CMYK	0.00, 0.22, 0.39, 0.11
HSL	26°, 61%, 72%
HSV	26°, 39%, 89%
XYZ	51.9952, 49.6072, 30.8986
YIQ	187.5040, 42.3190, -1.5290

Conversions

Conversions Part 2

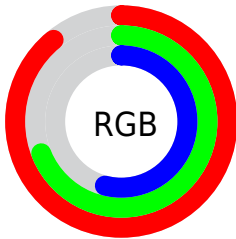
Format	Color
R_{YB}	227, 207, 138
Decimal	14922122
CIE _{Lab}	75.83, 13.12, 26.89
CIE _{LCh}	76, 29.923, 63.999
Yxy	49.6072, 0.3924, 0.3744
Android (android.graphics.Color)	4293112202 (0xFFE3B18A)
YUV	187.5040, -24.4055, 34.6380
Hunter-Lab	70.4324, 8.5173, 23.2922

Details

The YIQ color **187.5040, 42.3190, -1.5290** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **177.4960, -42.3190, 1.5290**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9040, 26.2730, -8.0870**, and **133.6500, 38.9720, -1.4440** is the 20% darker color. If you saturate the color by 10%, you get **177.2510, 53.2770, -1.8830**, and if you desaturate by 10%, it is **197.7570, 31.3610, -1.1750**.

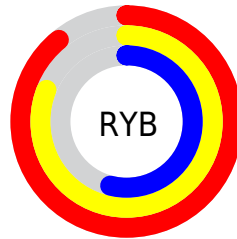
Distribution



Red (89%)

Green (69%)

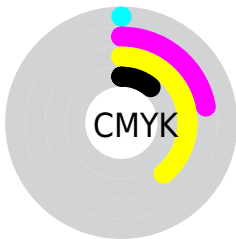
Blue (54%)



Red (89%)

Yellow (81%)

Blue (54%)

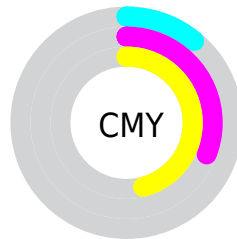


Cyan (0%)

Magenta (22%)

Yellow (39%)

Black (11%)



Cyan (11%)

Magenta (31%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.5040, 42.3190, -1.5290 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 187.5040, 42.3190, -1.5290 by changing the saturation by 10% instead.

187.5040, 42.3190,
-1.5290

187.5040, 42.3190,
-1.5290

255.0000, -0.0000,
-0.0000

160.0200, 40.8060,
-1.6420

234.9040, 26.2730,
-8.0870

133.6500, 38.9720,
-1.4440

251.0100, 11.2350,
-10.8850

107.8670, 36.8630,
-1.7690

254.2020, 2.2470,
-2.1770

83.0840, 34.7540,
-2.0940

60.0020, 32.0490,
-2.6310

37.3330, 29.6190,
-2.6450

17.5310, 20.4940,

3.0380

■ 0.0000, 0.0000,
0.0000

■ 187.5040, 42.3190,
-1.5290

■ 187.5040, 42.3190,
-1.5290

■ 177.2510, 53.2770,
-1.8830

■ 197.7570, 31.3610,
-1.1750

■ 167.1120, 63.9140,
-1.9260

■ 207.8960, 20.7240,
-1.1320

■ 157.4460, 74.5970,
-2.8030

■ 217.5620, 10.0410,
-0.2550

■ 147.1930, 85.5550,
-3.1570

■ 227.8150, -0.9170,
0.0990

■ 137.0540, 96.1920,
-3.2000

■ 238.0680,
-11.8750, 0.4530

■ 126.8010,
107.1500, -3.5540

■ 246.0410,
-16.4130, -5.4130

■ 125.9860,
108.0670, -3.6530

■ 246.6280,
-16.6880, -5.9360

Harmonies

Analogous

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



189.1600, 46.7640, 11.5320



187.5040, 42.3190, -1.5290



184.9270, 27.4660, -13.1900

Triad

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



187.5040, 42.3190, -1.5290



174.0210, -49.1920, -22.6000



189.6520, -6.9270, 20.9210

Complementary

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



187.5040, 42.3190, -1.5290



177.4960, -42.3190, 1.5290

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.



184.8870, -35.8100, 10.2220



187.5040, 42.3190, -1.5290



173.2230, -64.1400, -16.0120

Square

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



187.5040, 42.3190, -1.5290



178.0270, -22.9660, -24.3260



177.8360, -58.1360, -3.6720



191.2330, 19.2980, 24.7220

Rectangle

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



187.5040, 42.3190, -1.5290



182.9250, 12.6120, -19.3240



177.8360, -58.1360, -3.6720



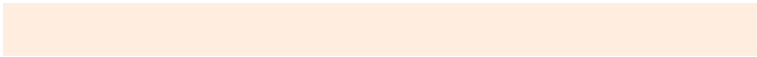
188.8680, -16.4630, 17.5290

Sweetspot

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



187.5040, 42.3190, -1.5290



241.4870, 14.6260, -0.7500



170.3110, 36.9940, 34.4180



119.4910, 8.8030, 0.1550



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.



187.5040, 42.3190, -1.5290



201.9910, 56.9450, -2.2790



213.3320, 30.2190, -24.5410



109.5230, 5.7770, -0.0710



99.3070, 85.2340, -2.8460



28.1630, 24.3460, -0.6940

Inverse Universe

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



177.4960, -42.3190, 1.5290



188.5960, -57.2200, 1.7560



151.6680, -30.2190, 24.5410



108.4770, -5.7770, 0.0710



79.1060, -84.9590, 3.3690



22.8370, -24.3460, 0.6940

Previews

White Background



This preview shows how the YIQ color 187.5040, 42.3190, -1.5290 looks on a white background.

Color Contrast Check

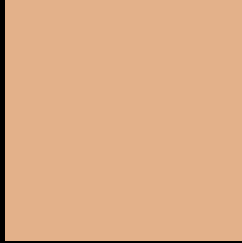
Large Text (above 18pt) WCAG AA × Fail

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 187.5040, 42.3190, -1.5290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

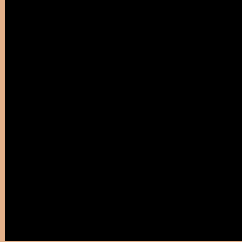
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.5040, 42.3190, -1.5290

Background



This preview shows how black text looks on a background with the YIQ color 187.5040, 42.3190, -1.5290.



This preview shows how white text looks on a background with the YIQ color 187.5040, 42.3190,

-1.5290.

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

187.5040, 42.3190, -1.5290

Protanopia

185.7570, 22.1930, -11.2390

Deuteranopia

186.8840, 38.1930, -3.8470



Tritanopia

190.7210, 32.1830, 16.9750

Trichromacy



Original Color

187.5040, 42.3190, -1.5290

Protanomaly

186.2850, 29.5740, -7.3380

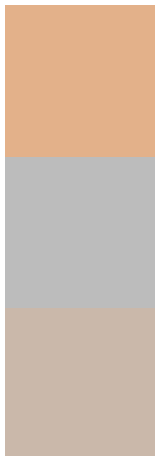
Deuteranomaly

186.8950, 39.6600, -2.9000

Tritanomaly

189.3590, 35.8980, 10.2180

Monochromacy



Original Color

187.5040, 42.3190, -1.5290

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7860, 15.2220, -0.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.5040, 42.3190, -1.5290 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(227, 177, 138)` looks like.

```
.text, #text, p{  
    color:rgb(227, 177, 138)  
}
```

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(227, 177, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 177, 138) }
```

Border

The CSS property to change the border of an element to YIQ 187.5040, 42.3190, -1.5290 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(227, 177, 138) }
```


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

```
.border{ border-color:rgb(227, 177, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 177, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 177, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 177, 138);  
box-shadow:4px 4px 4px 4px rgb(227, 177,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 187.5040, 42.3190, -1.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 177, 138) }
```

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

```
.background{ background-color: rgb(227,  
177, 138) }
```

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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