

Converting Colors

YIQ(183.4560, 51.4420, 3.8420)

Have a look what the booklet for
YIQ(183.4560, 51.4420, 3.8420)
contains.

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Color

**YIQ(183.4560, 51.4420,
3.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA785
RGB	235, 167, 133
RGB Percent	92%, 65%, 52%
CMY	0.0783, 0.3452, 0.4782
CMYK	0.00, 0.29, 0.43, 0.08
HSL	20°, 72%, 72%
HSV	20°, 43%, 92%
XYZ	52.3240, 46.9903, 28.5239
YIQ	183.4560, 51.4420, 3.8420

Conversions

Conversions Part 2

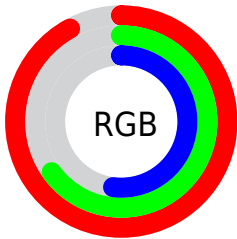
Format	Color
R _{YB}	235, 184, 133
Decimal	15443845
CIE Lab	74.18, 21.06, 27.52
CIE LCh	74, 34.654, 52.567
Yxy	46.9903, 0.4093, 0.3676
Android (android.graphics.Color)	4293633925 (0xFFEBA785)
YUV	183.4560, -24.8748, 45.2041
Hunter-Lab	68.5495, 16.2879, 23.3137

Details

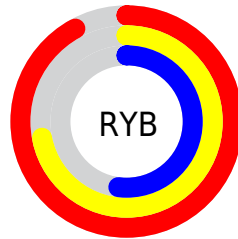
The YIQ color **183.4560, 51.4420, 3.8420** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **184.5440, -51.4420, -3.8420**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **227.7630, 31.2240, -4.2000**, and **129.8900, 47.2240, 3.1920** is the 20% darker color. If you saturate the color by 10%, you get **171.4420, 63.2250, 5.0570**, and if you desaturate by 10%, it is **195.5840, 39.3380, 2.9380**.

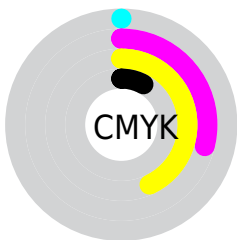
Distribution



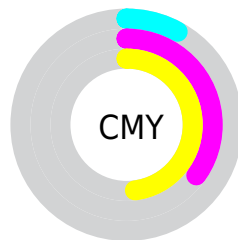
- Red (92%)
- Green (65%)
- Blue (52%)



- Red (92%)
- Yellow (72%)
- Blue (52%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)
- Black (8%)




- Cyan (8%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.4560, 51.4420, 3.8420 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 183.4560, 51.4420, 3.8420 by changing the saturation by 10% instead.

 183.4560, 51.4420,
3.8420


 183.4560, 51.4420,
3.8420


255.0000, -0.0000,
-0.0000


 156.0860, 49.6080,
4.0400


 227.7630, 31.2240,
-4.2000


 129.8900, 47.2240,
3.1920


 247.9780, 14.2610,
-10.6590

 104.2210, 44.7940,
3.1780

 253.6320, 3.8520,
-3.7320

 79.1390, 42.0890,
2.6410

 55.1710, 39.0630,
2.4150

 32.6590, 34.7530,
3.4330

 12.8570, 25.6280,

9.1160

■ 0.0000, 0.0000,
0.0000

■ 183.4560, 51.4420,
3.8420

■ 183.4560, 51.4420,
3.8420

■ 171.4420, 63.2250,
5.0570

■ 195.5840, 39.3380,
2.9380

■ 159.9010, 75.0540,
5.4380

■ 207.0110, 27.8300,
2.2460

■ 147.8870, 86.8370,
6.6530

■ 219.1390, 15.7260,
1.3420

■ 135.7590, 98.9410,
7.5570

■ 231.1530, 3.9430,
0.1270

■ 124.3320,
110.4490, 8.2490

■ 242.6940, -7.8860,
-0.2540

■ 116.0510,
118.6100, 9.0260

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



185.1270, 51.5310, 18.7550



183.4560, 51.4420, 3.8420



181.4400, 39.2030, -11.1410

Triad

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



183.4560, 51.4420, 3.8420



167.9300, -47.6780, -28.0140



183.9970, -21.1400, 19.6920

Complementary

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



183.4560, 51.4420, 3.8420



184.5440, -51.4420, -3.8420

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.



176.2590, -54.6530, 4.7950



183.4560, 51.4420, 3.8420



162.7220, -76.1510, -24.1110

Square

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



183.4560, 51.4420, 3.8420



173.5240, -14.3000, -27.1960



166.3170, -78.9040, -12.7600



186.9210, 11.5490, 27.4930

Rectangle

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



183.4560, 51.4420, 3.8420



179.3840, 24.4410, -18.9430



166.3170, -78.9040, -12.7600



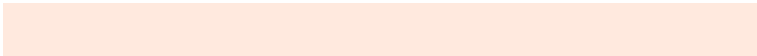
181.9030, -32.7390, 15.1410

Sweetspot

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



183.4560, 51.4420, 3.8420



238.3240, 16.6430, 1.2430



171.4780, 38.3220, 43.3940



117.3880, 10.5910, 0.7910



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.



183.4560, 51.4420, 3.8420



188.1820, 66.8930, 4.6610



212.2190, 37.9670, -21.7850



111.0500, 5.7310, 0.7630



89.3390, 91.3760, 6.9920



26.7120, 27.2340, 2.0340

Inverse Universe

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



184.5440, -51.4420, -3.8420



189.4050, -67.1680, -5.1840



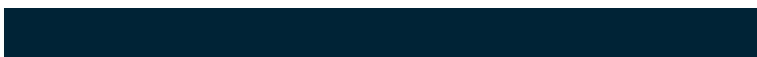
155.7810, -37.9670, 21.7850



111.3630, -5.4560, -0.2400



91.6610, -91.3760, -6.9920



27.2880, -27.2340, -2.0340

Previews

White Background



This preview shows how the YIQ color 183.4560, 51.4420, 3.8420 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 183.4560, 51.4420, 3.8420 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 183.4560, 51.4420, 3.8420

Background



This preview shows how black text looks on a background with the YIQ color 183.4560, 51.4420, 3.8420.



This preview shows how white text looks on a background with the YIQ color 183.4560, 51.4420,

3.8420.

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

183.4560, 51.4420, 3.8420

Protanopia

181.6860, 20.9550, -10.8290

Deuteranopia

182.5420, 39.1560, -4.7800



Tritanopia

185.8040, 42.3150, 20.5790

Trichromacy



Original Color

183.4560, 51.4420, 3.8420

Protanomaly

182.3070, 32.5080, -5.4440

Deuteranomaly

182.9880, 43.8320, -1.4160

Tritanomaly

184.9690, 45.9840, 14.6560

Monochromacy



Original Color

183.4560, 51.4420, 3.8420

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

183.1070, 18.7520, 1.5680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.4560, 51.4420, 3.8420 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, 167, 133)` looks like.

```
.text, #text, p{  
    color:rgb(235, 167, 133)  
}
```

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, 167, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 167, 133) }
```

Border

The CSS property to change the border of an element to YIQ 183.4560, 51.4420, 3.8420 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, 167, 133) }
```


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

```
.border{ border-color:rgb(235, 167, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 167, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 167, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 167, 133);  
box-shadow:4px 4px 4px 4px rgb(235, 167,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 183.4560, 51.4420, 3.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 167, 133) }
```

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

```
.background{ background-color: rgb(235,  
167, 133) }
```

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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