

Converting Colors

YIQ(186.4190, 52.8640, 0.0960)

Have a look what the booklet for
YIQ(186.4190, 52.8640, 0.0960)
contains.

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Color

**YIQ(186.4190, 52.8640,
0.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAC80
RGB	237, 172, 128
RGB Percent	93%, 67%, 50%
CMY	0.0705, 0.3256, 0.4978
CMYK	0.00, 0.27, 0.46, 0.07
HSL	24°, 75%, 72%
HSV	24°, 46%, 93%
XYZ	53.5836, 49.0649, 27.0899
YIQ	186.4190, 52.8640, 0.0960

Conversions

Conversions Part 2

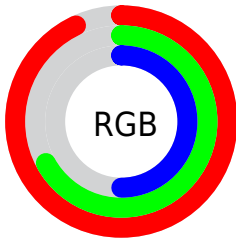
Format	Color
RYB	237, 202, 128
Decimal	15576192
CIELab	75.49, 18.69, 31.95
CIElCh	75, 37.018, 59.680
Yxy	49.0649, 0.4130, 0.3782
Android (android.graphics.Color)	4293766272 (0xFFEDAC80)
YUV	186.4190, -28.8006, 44.3595
Hunter-Lab	70.0463, 13.9667, 26.1025

Details

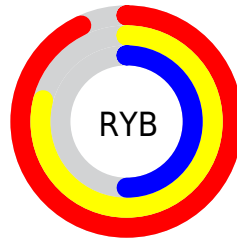
The YIQ color $186.4190, 52.8640, 0.0960$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $178.5810, -52.8640, -0.0960$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.7150, 31.1790, -8.8930$, and $132.8530, 48.6460, -0.5540$ is the 20% darker color. If you saturate the color by 10%, you get $175.4650, 64.4180, -0.0460$, and if you desaturate by 10%, it is $197.3730, 41.3100, 0.2380$.

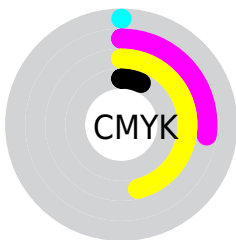
Distribution



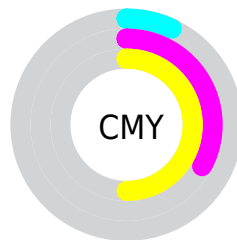
- Red (93%)
- Green (67%)
- Blue (50%)



- Red (93%)
- Yellow (79%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (46%)
- Black (7%)



- Cyan (7%)
- Magenta (33%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.4190, 52.8640, 0.0960 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 186.4190, 52.8640, 0.0960 by changing the saturation by 10% instead.

186.4190, 52.8640,
0.0960

186.4190, 52.8640,
0.0960

255.0000, -0.0000,
-0.0000

159.0490, 51.0300,
0.2940

230.1280, 31.4540,
-8.3700

132.8530, 48.6460,
-0.5540

249.7560, 14.7660,
-14.3060

106.8850, 45.6200,
-0.7800

252.9480, 5.7780,
-5.5980

82.1020, 43.5110,
-1.1050

57.6070, 40.5310,
-2.1650

35.8930, 33.9740,
1.0300

15.2050, 24.5280,

7.0240

■ 0.0000, 0.0000,
0.0000

■ 186.4190, 52.8640,
0.0960

■ 186.4190, 52.8640,
0.0960

■ 175.4650, 64.4180,
-0.0460

■ 197.3730, 41.3100,
0.2380

■ 164.6250, 75.6510,
0.1230

■ 208.2130, 30.0770,
0.0690

■ 153.6710, 87.2050,
-0.0190

■ 219.1670, 18.5230,
0.2110

■ 142.1300, 99.0340,
0.3620

■ 230.7080, 6.6940,
-0.1700

■ 131.2900,
110.2670, 0.5310

■ 241.6620, -4.8600,
-0.0280

■ 127.2150,
114.8520, 0.0360

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



188.5850, 55.9330, 16.0690



186.4190, 52.8640, 0.0960



183.8370, 36.4070, -15.5370

Triad

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



186.4190, 52.8640, 0.0960



167.9330, -60.9280, -30.1760



188.6390, -14.0800, 23.9040

Complementary

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



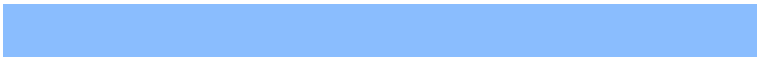
186.4190, 52.8640, 0.0960



178.5810, -52.8640, -0.0960

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.



181.1610, -51.2610, 9.4030



186.4190, 52.8640, 0.0960



162.9530, -90.0430, -25.6510

Square

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



186.4190, 52.8640, 0.0960



174.8540, -24.1570, -30.2770



169.7450, -82.9850, -10.3850



191.1070, 19.8930, 30.4610

Rectangle

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



186.4190, 52.8640, 0.0960



181.5250, 19.4900, -22.8300



169.7450, -82.9850, -10.3850



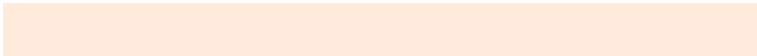
186.4740, -26.9170, 19.7630

Sweetspot

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



186.4190, 52.8640, 0.0960



238.5690, 17.3310, -0.2130



168.0010, 44.0990, 43.3230



117.8610, 10.6370, -0.0430



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.



186.4190, 52.8640, 0.0960



189.7320, 68.0400, 0.3920



218.1170, 38.0140, -28.1460



111.6370, 5.4560, 0.2400



96.9700, 87.8010, 0.1930



29.0600, 26.1340, -0.0580

Inverse Universe

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



178.5810, -52.8640, -0.0960



179.6810, -67.7650, 0.1310



146.8830, -38.0140, 28.1460



111.3630, -5.4560, -0.2400



84.0300, -87.8010, -0.1930



24.9400, -26.1340, 0.0580

Previews

White Background



This preview shows how the YIQ color 186.4190, 52.8640, 0.0960 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 186.4190, 52.8640, 0.0960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

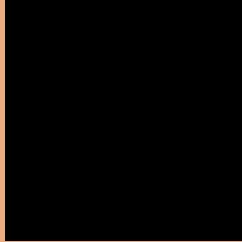
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.4190, 52.8640, 0.0960

Background



This preview shows how black text looks on a background with the YIQ color 186.4190, 52.8640, 0.0960.



This preview shows how white text looks on a background with the YIQ color 186.4190, 52.8640,

0.0960.

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

186.4190, 52.8640, 0.0960

Protanopia

184.5570, 25.6320, -12.9920

Deuteranopia

185.6410, 43.1910, -6.3210



Tritanopia

189.2060, 41.1230, 20.1550

Trichromacy



Original Color

186.4190, 52.8640, 0.0960

Protanomaly

185.2810, 35.3970, -8.2430

Deuteranomaly

185.9620, 46.7210, -4.2150

Tritanomaly

188.6160, 45.4800, 12.7760

Monochromacy



Original Color

186.4190, 52.8640, 0.0960

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.3520, 19.4400, 0.1120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.4190, 52.8640, 0.0960 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(237, 172, 128)` looks like.

```
.text, #text, p{  
    color:rgb(237, 172, 128)  
}
```

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(237, 172, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 172, 128) }
```

Border

The CSS property to change the border of an element to YIQ 186.4190, 52.8640, 0.0960 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(237, 172, 128) }
```


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

```
.border{ border-color:rgb(237, 172, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 172, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 172, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 172, 128);  
box-shadow:4px 4px 4px 4px rgb(237, 172,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 186.4190, 52.8640, 0.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 172, 128) }
```

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

```
.background{ background-color: rgb(237,  
172, 128) }
```

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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