

Converting Colors

YIQ(179.6620, 47.8660, 2.5700)

Have a look what the booklet for
YIQ(179.6620, 47.8660, 2.5700)
contains.

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Color

**YIQ(179.6620, 47.8660,
2.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A583
RGB	227, 165, 131
RGB Percent	89%, 65%, 51%
CMY	0.1097, 0.3530, 0.4861
CMYK	0.00, 0.27, 0.42, 0.11
HSL	21°, 63%, 70%
HSV	21°, 42%, 89%
XYZ	49.2396, 44.8772, 27.5593
YIQ	179.6620, 47.8660, 2.5700

Conversions

Conversions Part 2

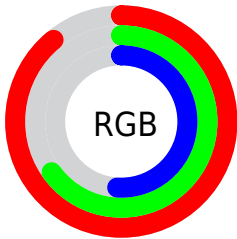
Format	Color
R _Y B	227, 184, 131
Decimal	14919043
CIE Lab	72.81, 18.77, 26.61
CIE LCh	73, 32.561, 54.809
Yxy	44.8772, 0.4047, 0.3688
Android (android.graphics.Color)	4293109123 (0xFFE3A583)
YUV	179.6620, -23.9904, 41.5154
Hunter-Lab	66.9904, 13.9687, 22.5019

Details

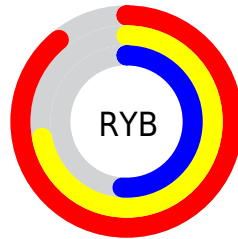
The YIQ color **179.6620, 47.8660, 2.5700** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **178.3380, -47.8660, -2.5700**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.3610, 32.4160, -3.7760**, and **126.0960, 43.6480, 1.9200** is the 20% darker color. If you saturate the color by 10%, you get **168.2350, 59.3740, 3.2620**, and if you desaturate by 10%, it is **191.0890, 36.3580, 1.8780**.

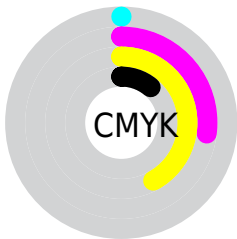
Distribution



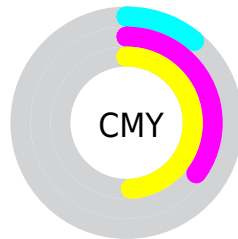
- Red (89%)
- Green (65%)
- Blue (51%)



- Red (89%)
- Yellow (72%)
- Blue (51%)



- Cyan (0%)
- Magenta (27%)
- Yellow (42%)
- Black (11%)





- Cyan (11%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 179.6620, 47.8660, 2.5700 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 179.6620, 47.8660, 2.5700 by changing the saturation by 10% instead.


 179.6620, 47.8660,
2.5700


 179.6620, 47.8660,
2.5700


255.0000, -0.0000,
-0.0000

 152.8790, 45.7570,
2.2450


 226.3610, 32.4160,
-3.7760


 126.0960, 43.6480,
1.9200


 246.5760, 15.4530,
-10.2350

 100.7260, 41.8140,
2.1180

 253.2900, 4.8150,
-4.6650

 76.3450, 38.5130,
1.3690

 52.5620, 36.4040,
1.0440

 30.2780, 31.4520,
2.6840

 11.3620, 22.6480,

8.0560

■ 0.0000, 0.0000,
0.0000

■ 179.6620, 47.8660,
2.5700

■ 179.6620, 47.8660,
2.5700

■ 168.2350, 59.3740,
3.2620

■ 191.0890, 36.3580,
1.8780

■ 157.5090, 70.2860,
3.7420

■ 201.8150, 25.4460,
1.3980

■ 146.0820, 81.7940,
4.4340

■ 213.2420, 13.9380,
0.7060

■ 134.6550, 93.3020,
5.1260

■ 224.6690, 2.4300,
0.0140

■ 123.9290,
104.2140, 5.6060

■ 235.5090, -8.8030,
-0.1550

■ 114.8330,
113.2920, 6.2840

■ 245.4540,
-16.1380, -4.8900

■ 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.



181.5780, 48.6430, 16.0270



179.6620, 47.8660, 2.5700



177.2870, 35.2600, -11.2680

Triad

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



179.6620, 47.8660, 2.5700



165.4680, -46.2570, -26.2330



180.7370, -17.4720, 19.2960

Complementary

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



179.6620, 47.8660, 2.5700



178.3380, -47.8660, -2.5700

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.



173.6080, -48.3260, 5.7700



179.6620, 47.8660, 2.5700



161.8260, -70.5120, -21.6800

Square

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



179.6620, 47.8660, 2.5700



169.9800, -15.5840, -25.9520



165.0900, -70.8350, -10.3150



183.3510, 13.1540, 25.9380

Rectangle

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



179.6620, 47.8660, 2.5700



175.6440, 20.7730, -18.5470



165.0900, -70.8350, -10.3150



178.3550, -28.2000, 15.4800

Sweetspot

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



179.6620, 47.8660, 2.5700



238.9110, 16.3680, 0.7200



166.7720, 37.3140, 39.6340



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.



179.6620, 47.8660, 2.5700



190.8720, 64.8300, 3.5020



207.8380, 34.6660, -22.5340



108.9360, 6.0520, 0.4520



90.5020, 89.3590, 4.9990



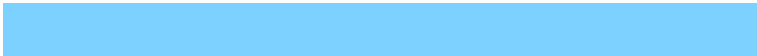
25.8150, 25.4460, 1.3980

Inverse Universe

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



178.3380, -47.8660, -2.5700



189.1280, -64.8300, -3.5020



150.1620, -34.6660, 22.5340



109.0640, -6.0520, -0.4520



87.9110, -89.0840, -4.4760



25.1850, -25.4460, -1.3980

Previews

White Background



This preview shows how the YIQ color 179.6620, 47.8660, 2.5700 looks on a white background.

Color Contrast Check

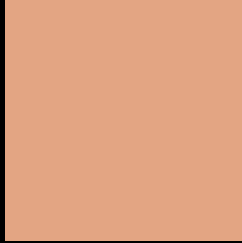
Large Text (above 18pt) WCAG AA × Fail

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 179.6620, 47.8660, 2.5700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

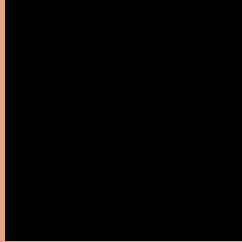
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.6620, 47.8660, 2.5700

Background



This preview shows how black text looks on a background with the YIQ color 179.6620, 47.8660, 2.5700.



This preview shows how white text looks on a background with the YIQ color 179.6620, 47.8660,

2.5700.

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

179.6620, 47.8660, 2.5700

Protanopia

177.8000, 20.6340, -10.5180

Deuteranopia

179.1720, 37.3220, -4.5820



Tritanopia

182.0100, 38.7390, 19.3070

Trichromacy



Original Color

179.6620, 47.8660, 2.5700

Protanomaly

178.5240, 30.3990, -5.7690

Deuteranomaly

178.9060, 41.1270, -1.9530

Tritanomaly

181.1750, 42.4080, 13.3840

Monochromacy



Original Color

179.6620, 47.8660, 2.5700

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.0960, 17.2850, 0.6210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.6620, 47.8660, 2.5700 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, 165, 131)` looks like.

```
.text, #text, p{  
    color:rgb(227, 165, 131)  
}
```

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, 165, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 165, 131) }
```

Border

The CSS property to change the border of an element to YIQ 179.6620, 47.8660, 2.5700 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, 165, 131) }
```


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

```
.border{ border-color:rgb(227, 165, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 165, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 165, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 165, 131);  
box-shadow:4px 4px 4px 4px rgb(227, 165,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 179.6620, 47.8660, 2.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 165, 131) }
```

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

```
.background{ background-color: rgb(227,  
165, 131) }
```

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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