

Converting Colors

YIQ(164.2960, 66.5720, 4.9720)

Have a look what the booklet for
YIQ(164.2960, 66.5720, 4.9720)
contains.

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Color

**YIQ(164.2960, 66.5720,
4.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	E78F63
RGB	231, 143, 99
RGB Percent	91%, 56%, 39%
CMY	0.0939, 0.4393, 0.6115
CMYK	0.00, 0.38, 0.57, 0.09
HSL	20°, 73%, 65%
HSV	20°, 57%, 91%
XYZ	45.0426, 37.5327, 16.6940
YIQ	164.2960, 66.5720, 4.9720

Conversions

Conversions Part 2

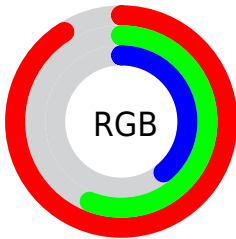
Format	Color
R_{YB}	231, 165, 99
Decimal	15175523
CIE Lab	67.67, 29.15, 37.22
CIE LCh	68, 47.281, 51.931
Yxy	37.5327, 0.4537, 0.3781
Android (android.graphics.Color)	4293365603 (0xFFE78F63)
YUV	164.2960, -32.1909, 58.4994
Hunter-Lab	61.2640, 24.0253, 26.7287

Details

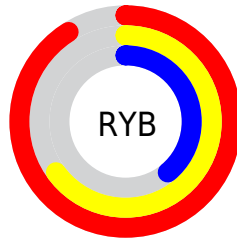
The YIQ color **164.2960, 66.5720, 4.9720** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **165.7040, -66.5720, -4.9720**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.0980, 49.3340, -2.0100**, and **110.9470, 60.2450, 3.9970** is the 20% darker color. If you saturate the color by 10%, you get **152.8690, 78.0800, 5.6640**, and if you desaturate by 10%, it is **175.7230, 55.0640, 4.2800**.

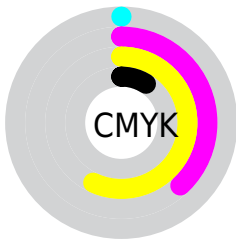
Distribution



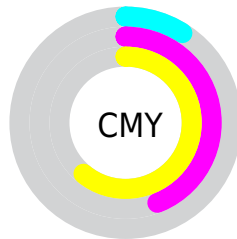
- Red (91%)
- Green (56%)
- Blue (39%)



- Red (91%)
- Yellow (65%)
- Blue (39%)



- Cyan (0%)
- Magenta (38%)
- Yellow (57%)
- Black (9%)




- Cyan (9%)
- Magenta (44%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.2960, 66.5720, 4.9720 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 164.2960, 66.5720, 4.9720 by changing the saturation by 10% instead.


 164.2960, 66.5720,
4.9720


 164.2960, 66.5720,
4.9720


255.0000, -0.0000,
-0.0000


 137.3280, 63.5460,
4.7460


 209.0980, 49.3340,
-2.0100


 110.9470, 60.2450,
3.9970


 229.1990, 32.6920,
-8.7800


 84.9790, 57.2190,
3.7710

 248.7130, 16.3250,
-15.0270

 60.3700, 54.5600,
2.4000

 252.6060, 6.7410,
-6.5310

 37.4540, 45.7560,
7.7720

 17.3420, 34.5680,
12.2960

 9.9810, 19.3470,

7.3070

■ 0.0000, 0.0000,
0.0000

■ 164.2960, 66.5720,
4.9720

■ 164.2960, 66.5720,
4.9720

■ 152.8690, 78.0800,
5.6640

■ 175.7230, 55.0640,
4.2800

■ 140.8550, 89.8630,
6.8790

■ 187.7370, 43.2810,
3.0650

■ 129.4280,
101.3710, 7.5710

■ 199.1640, 31.7730,
2.3730

■ 117.4140,
113.1540, 8.7860

■ 211.1780, 19.9900,
1.1580

■ 114.2680,
116.5010, 8.7010

■ 222.7190, 8.1610,
0.7770

■ 234.1460, -3.3470,
0.0850

■ 245.4760,
-13.2040, -2.9960

■ 247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



165.5420, 66.6600, 25.4120



164.2960, 66.5720, 4.9720



161.8510, 50.9870, -15.4530

Triad

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



164.2960, 66.5720, 4.9720



132.9740, -86.5090, -45.6530



165.4120, -32.3740, 25.0500

Complementary

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



164.2960, 66.5720, 4.9720



165.7040, -66.5720, -4.9720

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.



147.2790, -92.9360, -0.7440



164.2960, 66.5720, 4.9720



131.4120, -113.7450, -36.6330

Square

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



164.2960, 66.5720, 4.9720



151.3780, -20.1210, -37.3450



133.1680, -124.2010, -23.3450



170.0990, 14.3440, 37.4160

Rectangle

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



164.2960, 66.5720, 4.9720



159.5340, 32.4660, -26.7180



133.1680, -124.2010, -23.3450



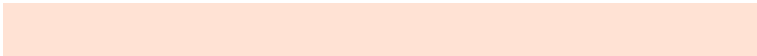
161.3280, -49.9330, 18.3790

Sweetspot

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



164.2960, 66.5720, 4.9720



233.0750, 21.7780, 1.7940



148.7280, 49.7820, 55.9740



114.4700, 13.2960, 1.3280



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.



164.2960, 66.5720, 4.9720



166.2570, 88.6710, 6.4550



201.8640, 48.9720, -28.5000



108.9360, 6.0520, 0.4520



88.1540, 90.4590, 7.0910



25.2280, 25.7210, 1.9210

Inverse Universe

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



165.7040, -66.5720, -4.9720



167.7430, -88.6710, -6.4550



128.1360, -48.9720, 28.5000



109.0640, -6.0520, -0.4520



90.2590, -90.1840, -6.5680



25.7720, -25.7210, -1.9210

Previews

White Background



This preview shows how the YIQ color 164.2960, 66.5720, 4.9720 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 164.2960, 66.5720, 4.9720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

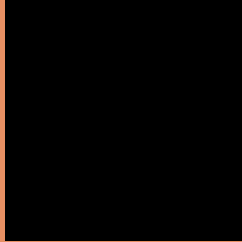
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.2960, 66.5720, 4.9720

Background



This preview shows how black text looks on a background with the YIQ color 164.2960, 66.5720, 4.9720.



This preview shows how white text looks on a background with the YIQ color 164.2960, 66.5720,

4.9720.

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

164.2960, 66.5720, 4.9720

Protanopia

162.9870, 27.2370, -14.5470

Deuteranopia

163.7890, 45.5300, -10.1660



Tritanopia

167.1430, 54.6020, 23.6740

Trichromacy



Original Color

164.2960, 66.5720, 4.9720

Protanomaly

163.6300, 41.7240, -7.2680

Deuteranomaly

164.2570, 53.1400, -4.9080

Tritanomaly

166.0800, 58.9130, 17.1290

Monochromacy



Original Color

164.2960, 66.5720, 4.9720

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.7440, 24.2080, 1.8080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.2960, 66.5720, 4.9720 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(231, 143, 99)` looks like.

```
.text, #text, p{  
    color:rgb(231, 143, 99)  
}
```

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(231, 143, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 143, 99) }
```

Border

The CSS property to change the border of an element to YIQ 164.2960, 66.5720, 4.9720 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(231, 143, 99) }
```


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

```
.border{ border-color:rgb(231, 143, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 143, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 143, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 143, 99);  
box-shadow:4px 4px 4px 4px rgb(231, 143,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 164.2960, 66.5720, 4.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 143, 99) }
```

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

```
.background{ background-color: rgb(231,  
143, 99) }
```

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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