

Converting Colors

YIQ(164.5660, 48.9170, 22.0770)

Have a look what the booklet for
YIQ(164.5660, 48.9170, 22.0770)
contains.

YIQ(164.5660, 48.9170, 22.0770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(164.5660, 48.9170,
22.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	E18994
RGB	225, 137, 148
RGB Percent	88%, 54%, 58%
CMY	0.1174, 0.4629, 0.4194
CMYK	0.00, 0.39, 0.34, 0.12
HSL	352°, 60%, 71%
HSV	352°, 39%, 88%
XYZ	45.3580, 36.0368, 32.6018
YIQ	164.5660, 48.9170, 22.0770

Conversions

Conversions Part 2

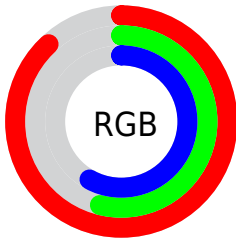
Format	Color
R_{YB}	225, 137, 148
Decimal	14780820
CIE Lab	66.55, 34.92, 8.52
CIE LCh	67, 35.943, 13.718
Yxy	36.0368, 0.3979, 0.3161
Android (android.graphics.Color)	4292970900 (0xFFE18994)
YUV	164.5660, -8.1670, 53.0006
Hunter-Lab	60.0307, 29.8173, 9.8219

Details

The YIQ color **164.5660, 48.9170, 22.0770** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **197.4340, -48.9170, -22.0770**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.3900, 34.6130, 16.9890**, and **110.8860, 45.0200, 21.1160** is the 20% darker color. If you saturate the color by 10%, you get **148.7850, 61.6620, 27.8860**, and if you desaturate by 10%, it is **179.7600, 36.4470, 16.7910**.

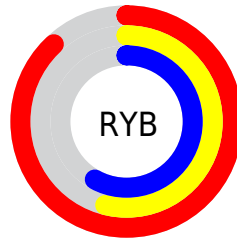
Distribution



Red (88%)

Green (54%)

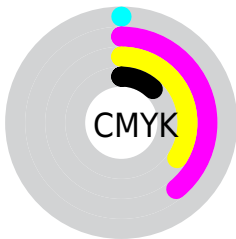
Blue (58%)



Red (88%)

Yellow (54%)

Blue (58%)

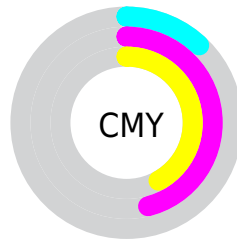


Cyan (0%)

Magenta (39%)

Yellow (34%)

Black (12%)



Cyan (12%)


Magenta (46%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.5660, 48.9170, 22.0770 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 164.5660, 48.9170, 22.0770 by changing the saturation by 10% instead.


 164.5660, 48.9170,
22.0770


 164.5660, 48.9170,
22.0770


255.0000, -0.0000,
-0.0000

 137.6690, 47.1290,
21.4410


 211.3900, 34.6130,
16.9890


 111.0000, 44.6990,
21.4270


 231.6050, 17.6500,
10.5300

 85.2170, 42.5900,
21.1020

 251.4780, 1.6500,
3.1380

 60.4340, 40.4810,
20.7770

 33.5310, 38.8300,
23.1660

 18.5100, 34.1550,
14.2750

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 164.5660, 48.9170,
22.0770

■ 164.5660, 48.9170,
22.0770

■ 148.7850, 61.6620,
27.8860

■ 179.7600, 36.4470,
16.7910

■ 133.7050, 73.8110,
33.4830

■ 195.4270, 24.0230,
10.6710

■ 117.9240, 86.5560,
39.2920

■ 210.6210, 11.5530,
5.3850

■ 102.7300, 99.0260,
44.5780

■ 226.4020, -1.1920,
-0.4240

■ 87.0630, 111.4500,
50.6980

■ 241.4820,
-13.3410, -6.0210

■ 71.8690, 123.9200,
55.9840

■ 246.0300,
-17.8800, -6.3600

■ 70.4670, 125.1120,
56.4080

Harmonies

Analogous

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



166.2130, 31.2180, 28.9620



164.5660, 48.9170, 22.0770



162.9880, 53.0000, 8.6480

Triad

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



164.5660, 48.9170, 22.0770



154.0150, -5.4970, -27.0410



150.3280, -68.2690, -1.7490

Complementary

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



164.5660, 48.9170, 22.0770



197.4340, -48.9170, -22.0770

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.



136.2390, -96.6000, -22.4560



164.5660, 48.9170, 22.0770



148.2960, -40.0210, -29.1170

Square

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



164.5660, 48.9170, 22.0770



158.2590, 23.2950, -20.2010



138.8910, -78.3050, -29.1290



161.0170, -33.0600, 15.4520

Rectangle

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



164.5660, 48.9170, 22.0770



161.9130, 48.4170, -1.9110



138.8910, -78.3050, -29.1290



145.9520, -79.1340, -8.5900

Sweetspot

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



164.5660, 48.9170, 22.0770



233.7250, 17.1920, 7.8160



169.7560, 17.0480, 43.4800



115.6100, 10.0860, 4.4380



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.



164.5660, 48.9170, 22.0770



172.5900, 66.7050, 30.1050



182.0960, 43.6480, 1.9200



104.4030, 6.2350, 2.6430



55.1320, 97.8340, 44.1540



15.0360, 26.6820, 12.0420

Inverse Universe

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



164.5660, 48.9170, 22.0770



172.5900, 66.7050, 30.1050



179.9040, -43.6480, -1.9200



104.4030, 6.2350, 2.6430



55.1320, 97.8340, 44.1540



15.0360, 26.6820, 12.0420

Previews

White Background



This preview shows how the YIQ color 164.5660, 48.9170, 22.0770 looks on a white background.

Color Contrast Check

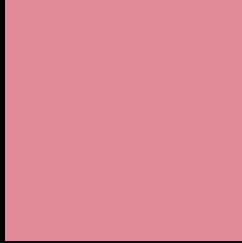
Large Text (above 18pt) WCAG AA × Fail

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 164.5660, 48.9170, 22.0770 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 164.5660, 48.9170, 22.0770

Background



This preview shows how black text looks on a background with the YIQ color 164.5660, 48.9170, 22.0770.



This preview shows how white text looks on a background with the YIQ color 164.5660, 48.9170,

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

164.5660, 48.9170, 22.0770

Protanopia

162.1960, 2.3840, 0.8480

Deuteranopia

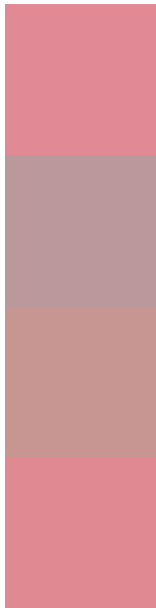
163.1180, 20.2190, 2.5150



Tritanopia

164.4520, 49.2380, 21.7660

Trichromacy



Original Color

164.5660, 48.9170, 22.0770

Protanomaly

162.9210, 19.5760, 8.6640

Deuteranomaly

163.6080, 30.7630, 9.6670

Tritanomaly

164.4520, 49.2380, 21.7660

Monochromacy



Original Color

164.5660, 48.9170, 22.0770

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.0240, 17.7880, 8.0280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.5660, 48.9170, 22.0770 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(225, 137, 148)` looks like.

```
.text, #text, p{  
    color:rgb(225, 137, 148)  
}
```

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(225, 137, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 137, 148) }
```

Border

The CSS property to change the border of an element to YIQ 164.5660, 48.9170, 22.0770 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(225, 137, 148) }
```


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

```
.border{ border-color:rgb(225, 137, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 137, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 137, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 137, 148);  
box-shadow:4px 4px 4px 4px rgb(225, 137,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 164.5660, 48.9170, 22.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 137, 148) }
```

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

```
.background{ background-color: rgb(225,  
137, 148) }
```

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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