

Converting Colors

YIQ(161.2190, 48.2760, 17.1720)

Have a look what the booklet for
YIQ(161.2190, 48.2760, 17.1720)
contains.

YIQ(161.2190, 48.2760, 17.1720)	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(161.2190, 48.2760,
17.1720)**

Conversions

Conversions Part 1

Format	Color
Hex	DA8989
RGB	218, 137, 137
RGB Percent	85%, 54%, 54%
CMY	0.1449, 0.4629, 0.4625
CMYK	0.00, 0.37, 0.37, 0.14
HSL	360°, 52%, 70%
HSV	360°, 37%, 86%
XYZ	42.3878, 34.6022, 28.1301
YIQ	161.2190, 48.2760, 17.1720

Conversions

Conversions Part 2

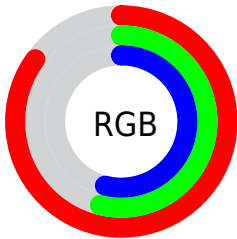
Format	Color
R _Y B	218, 137, 137
Decimal	14322057
CIE Lab	65.44, 30.98, 13.03
CIE LCh	65, 33.610, 22.810
Yxy	34.6022, 0.4032, 0.3292
Android (android.graphics.Color)	4292512137 (0xFFDA8989)
YUV	161.2190, -11.9400, 49.7969
Hunter-Lab	58.8236, 25.6843, 12.8234

Details

The YIQ color **161.2190, 48.2760, 17.1720** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **193.7810, -48.2760, -17.1720**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.0220, 38.4650, 13.2570**, and **108.5390, 44.3790, 16.2110** is the 20% darker color. If you saturate the color by 10%, you get **145.7970, 61.3880, 21.8360**, and if you desaturate by 10%, it is **176.6410, 35.1640, 12.5080**.

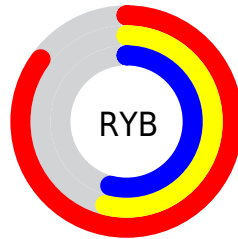
Distribution



Red (85%)

Green (54%)

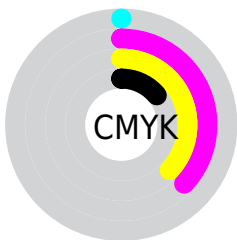
Blue (54%)



Red (85%)

Yellow (54%)

Blue (54%)

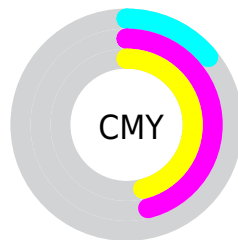


Cyan (0%)

Magenta (37%)

Yellow (37%)

Black (14%)



Cyan (14%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.2190, 48.2760, 17.1720 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 161.2190, 48.2760, 17.1720 by changing the saturation by 10% instead.


 161.2190, 48.2760,
17.1720


 161.2190, 48.2760,
17.1720


255.0000, -0.0000,
-0.0000


 134.4360, 46.1670,
16.8470

 210.0220, 38.4650,
13.2570


 108.5390, 44.3790,
16.2110


 229.6500, 21.7770,
7.3210

 82.8700, 41.9490,
16.1970

 249.9790, 4.4930,
1.1730

 58.2010, 39.5190,
16.1830

 33.1730, 36.7220,
17.3140

 16.1460, 32.1840,
11.4480

 7.2900, 13.9830,

5.3990

■ 0.0000, 0.0000,
0.0000

■ 161.2190, 48.2760,
17.1720

■ 161.2190, 48.2760,
17.1720

■ 145.7970, 61.3880,
21.8360

■ 176.6410, 35.1640,
12.5080

■ 130.3750, 74.5000,
26.5000

■ 192.0630, 22.0520,
7.8440

■ 115.6540, 87.0160,
30.9520

■ 206.7840, 9.5360,
3.3920

■ 100.2320,
100.1280, 35.6160

■ 222.2060, -3.5760,
-1.2720

■ 84.8100, 113.2400,
40.2800

■ 237.6280,
-16.6880, -5.9360

■ 69.3880, 126.3520,
44.9440

■ 243.9370,
-22.0520, -7.8440

■ 65.1820, 129.9280,
46.2160

Harmonies

Analogous

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



162.5570, 35.9410, 25.9650



161.2190, 48.2760, 17.1720



159.4880, 48.4160, 3.6160

Triad

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



161.2190, 48.2760, 17.1720



150.4640, -14.0710, -25.8390



152.5150, -52.4980, 4.2860

Complementary

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



161.2190, 48.2760, 17.1720



193.7810, -48.2760, -17.1720

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.



141.2030, -78.5830, -13.0710



161.2190, 48.2760, 17.1720



144.6420, -46.8070, -27.2790

Square

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



161.2190, 48.2760, 17.1720



154.6540, 14.8130, -20.6670



138.0100, -77.0220, -24.8460



160.2420, -20.4520, 18.2360

Rectangle

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



161.2190, 48.2760, 17.1720



158.2710, 41.3570, -6.1230



138.0100, -77.0220, -24.8460



148.9650, -62.8130, -1.5090

Sweetspot

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



161.2190, 48.2760, 17.1720



235.3720, 16.6880, 5.9360



170.1540, 21.6790, 42.1510



116.0830, 10.1320, 3.6040



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.



161.2190, 48.2760, 17.1720



174.3850, 68.5400, 24.3800



184.1120, 37.5510, -3.2250



102.2890, 6.5560, 2.3320



51.7270, 103.1080, 36.6760



13.7540, 27.4160, 9.7520

Inverse Universe

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



161.2190, 48.2760, 17.1720



174.3850, 68.5400, 24.3800



170.8880, -37.5510, 3.2250



102.2890, 6.5560, 2.3320



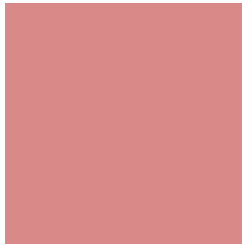
51.7270, 103.1080, 36.6760



13.7540, 27.4160, 9.7520

Previews

White Background



This preview shows how the YIQ color 161.2190, 48.2760, 17.1720 looks on a white background.

Color Contrast Check

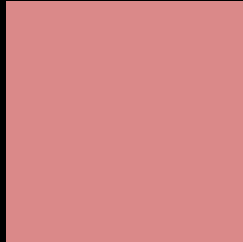
Large Text (above 18pt) WCAG AA × Fail

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 161.2190, 48.2760, 17.1720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

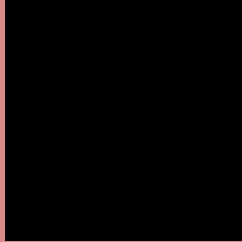
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.2190, 48.2760, 17.1720

Background



This preview shows how black text looks on a background with the YIQ color 161.2190, 48.2760, 17.1720.



This preview shows how white text looks on a background with the YIQ color 161.2190, 48.2760,

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

161.2190, 48.2760, 17.1720

Protanopia

159.5400, 7.1070, -2.1490

Deuteranopia

160.1030, 24.5750, 0.6630



Tritanopia

161.9570, 46.2580, 20.7060

Trichromacy



Original Color

161.2190, 48.2760, 17.1720

Protanomaly

160.0690, 21.9150, 4.8190

Deuteranomaly

160.2830, 33.0560, 6.6560

Tritanomaly

161.6150, 47.2210, 19.7730

Monochromacy



Original Color

161.2190, 48.2760, 17.1720

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

160.9700, 17.8800, 6.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.2190, 48.2760, 17.1720 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(218, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(218, 137, 137)  
}
```

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(218, 137, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 137, 137) }
```

Border

The CSS property to change the border of an element to YIQ 161.2190, 48.2760, 17.1720 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(218, 137, 137) }
```


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

```
.border{ border-color:rgb(218, 137, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 137, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 137, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 137, 137);  
box-shadow:4px 4px 4px 4px rgb(218, 137,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 161.2190, 48.2760, 17.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 137, 137) }
```

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

```
.background{ background-color: rgb(218,  
137, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor