

Converting Colors

YIQ(164.7250, 52.7230, 19.1790)

Have a look what the booklet for
YIQ(164.7250, 52.7230, 19.1790)
contains.

YIQ(164.7250, 52.7230, 19.1790)	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(164.7250, 52.7230,
19.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	E38A8B
RGB	227, 138, 139
RGB Percent	89%, 54%, 55%
CMY	0.1096, 0.4589, 0.4547
CMYK	0.00, 0.39, 0.39, 0.11
HSL	359°, 61%, 72%
HSV	359°, 39%, 89%
XYZ	45.4428, 36.3716, 29.0718
YIQ	164.7250, 52.7230, 19.1790

Conversions

Conversions Part 2

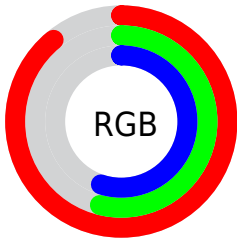
Format	Color
R _Y B	227, 138, 139
Decimal	14912139
CIE Lab	66.80, 34.06, 13.98
CIE LCh	67, 36.820, 22.311
Yxy	36.3716, 0.4098, 0.3280
Android (android.graphics.Color)	4293102219 (0xFFE38A8B)
YUV	164.7250, -12.6824, 54.6152
Hunter-Lab	60.3088, 28.9597, 13.6355

Details

The YIQ color **164.7250, 52.7230, 19.1790** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **200.2750, -52.7230, -19.1790**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.8370, 37.5480, 13.3560**, and **111.1590, 48.5050, 18.5290** is the 20% darker color. If you saturate the color by 10%, you get **148.7160, 66.1100, 24.3660**, and if you desaturate by 10%, it is **180.7340, 39.3360, 13.9920**.

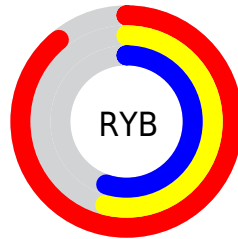
Distribution



Red (89%)

Green (54%)

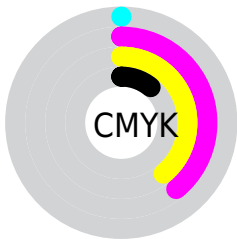
Blue (55%)



Red (89%)

Yellow (54%)

Blue (55%)

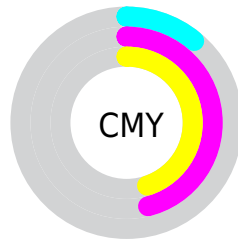


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (11%)



Cyan (11%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.7250, 52.7230, 19.1790 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 164.7250, 52.7230, 19.1790 by changing the saturation by 10% instead.

164.7250, 52.7230,
19.1790

164.7250, 52.7230,
19.1790

255.0000, -0.0000,
-0.0000

137.9420, 50.6140,
18.8540

210.8370, 37.5480,
13.3560

111.1590, 48.5050,
18.5290

231.0520, 20.5850,
6.8970

86.0770, 45.8000,
17.9920

251.3810, 3.3010,
0.7490

60.5220, 43.0490,
18.2890

34.2060, 41.1230,
20.1550

17.9400, 35.7600,
12.7200

10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 164.7250, 52.7230,
19.1790

■ 164.7250, 52.7230,
19.1790

■ 148.7160, 66.1100,
24.3660

■ 180.7340, 39.3360,
13.9920

■ 133.1800, 79.5430,
28.7190

■ 196.2700, 25.9030,
9.6390

■ 117.1710, 92.9300,
33.9060

■ 212.2790, 12.5160,
4.4520

■ 101.0480,
106.6380, 38.7820

■ 228.4020, -1.1920,
-0.4240

■ 85.0390, 120.0250,
43.9690

■ 243.8240,
-14.3040, -5.0880

■ 69.5030, 133.4580,
48.3220

■ 246.6280,
-16.6880, -5.9360

■ 68.2150, 134.3290,
49.0570

Harmonies

Analogous

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



166.1060, 38.8290, 28.6930



164.7250, 52.7230, 19.1790



162.9400, 52.9550, 3.9550

Triad

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



164.7250, 52.7230, 19.1790



153.2850, -15.1250, -28.7650



154.2090, -60.3840, 4.0320

Complementary

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



164.7250, 52.7230, 19.1790



200.2750, -52.7230, -19.1790

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.



138.4720, -95.6380, -17.8620



164.7250, 52.7230, 19.1790



146.1250, -52.7210, -30.2330

Square

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



164.7250, 52.7230, 19.1790



157.5570, 16.4640, -23.0560



133.8550, -95.8190, -31.1070



163.7410, -23.2950, 20.2010

Rectangle

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



164.7250, 52.7230, 19.1790



161.8970, 45.3460, -6.8300



133.8550, -95.8190, -31.1070



149.6480, -72.1660, -2.7100

Sweetspot

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



164.7250, 52.7230, 19.1790



233.3830, 18.1550, 6.8830



174.4580, 23.8790, 46.3350



115.3820, 10.7280, 3.8160



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.



164.7250, 52.7230, 19.1790



171.1080, 70.8780, 26.0620



189.8520, 41.2190, -3.6210



106.5880, 7.1520, 2.5440



53.7490, 106.0420, 38.5700



15.3630, 30.0750, 11.1230

Inverse Universe

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



164.7250, 52.7230, 19.1790



171.1080, 70.8780, 26.0620



175.1480, -41.2190, 3.6210



106.5880, 7.1520, 2.5440



53.7490, 106.0420, 38.5700



15.3630, 30.0750, 11.1230

Previews

White Background



This preview shows how the YIQ color 164.7250, 52.7230, 19.1790 looks on a white background.

Color Contrast Check

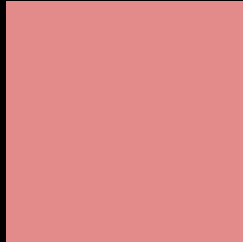
Large Text (above 18pt) WCAG AA × Fail

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 164.7250, 52.7230, 19.1790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

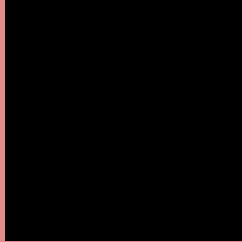
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.7250, 52.7230, 19.1790

Background



This preview shows how black text looks on a background with the YIQ color 164.7250, 52.7230, 19.1790.



This preview shows how white text looks on a background with the YIQ color 164.7250, 52.7230,

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

164.7250, 52.7230, 19.1790

Protanopia

162.9530, 7.3820, -1.6260

Deuteranopia

163.8750, 25.2170, 0.0410



Tritanopia

165.3490, 51.0260, 22.4020

Trichromacy



Original Color

164.7250, 52.7230, 19.1790

Protanomaly

163.3790, 23.9780, 5.9780

Deuteranomaly

164.0660, 35.1650, 6.9810

Tritanomaly

165.0070, 51.9890, 21.4690

Monochromacy



Original Color

164.7250, 52.7230, 19.1790

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.9810, 19.3470, 7.3070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.7250, 52.7230, 19.1790 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, 138, 139)` looks like.

```
.text, #text, p{  
    color:rgb(227, 138, 139)  
}
```

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, 138, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 138, 139) }
```

Border

The CSS property to change the border of an element to YIQ 164.7250, 52.7230, 19.1790 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, 138, 139) }
```


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

```
.border{ border-color:rgb(227, 138, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 138, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 138, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 138, 139);  
box-shadow:4px 4px 4px 4px rgb(227, 138,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 164.7250, 52.7230, 19.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 138, 139) }
```

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

```
.background{ background-color: rgb(227,  
138, 139) }
```

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