

Converting Colors

YIQ(180.3660, 52.3560, 20.3240)

Have a look what the booklet for
YIQ(180.3660, 52.3560, 20.3240)
contains.

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Color

**YIQ(180.3660, 52.3560,
20.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	F3999D
RGB	243, 153, 157
RGB Percent	95%, 60%, 62%
CMY	0.0468, 0.4001, 0.3841
CMYK	0.00, 0.37, 0.35, 0.05
HSL	357°, 79%, 78%
HSV	357°, 37%, 95%
XYZ	54.4565, 44.2707, 37.5966
YIQ	180.3660, 52.3560, 20.3240

Conversions

Conversions Part 2

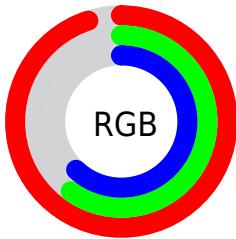
Format	Color
R _Y B	243, 153, 157
Decimal	15964573
CIE Lab	72.41, 34.21, 12.12
CIE LCh	72, 36.289, 19.508
Yxy	44.2707, 0.3995, 0.3247
Android (android.graphics.Color)	4294154653 (0xFFFF3999D)
YUV	180.3660, -11.5194, 54.9300
Hunter-Lab	66.5362, 29.6548, 13.0733

Details

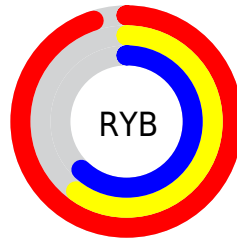
The YIQ color **180.3660, 52.3560, 20.3240** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **215.6340, -52.3560, -20.3240**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.3950, 27.0490, 10.8970**, and **126.3870, 47.8630, 19.1510** is the 20% darker color. If you saturate the color by 10%, you get **163.6560, 66.3390, 25.7230**, and if you desaturate by 10%, it is **197.0760, 38.3730, 14.9250**.

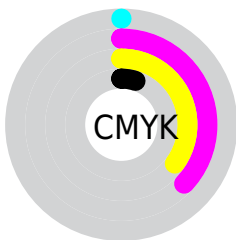
Distribution



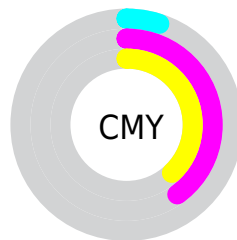
- Red (95%)
- Green (60%)
- Blue (62%)



- Red (95%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (37%)
- Yellow (35%)
- Black (5%)





- Cyan (5%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.3660, 52.3560, 20.3240 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 180.3660, 52.3560, 20.3240 by changing the saturation by 10% instead.


 180.3660, 52.3560,
20.3240

 180.3660, 52.3560,
20.3240


255.0000, -0.0000,
-0.0000


 152.8820, 50.8430,
20.2110


 222.5090, 26.7280,
11.2080


 126.6860, 48.4590,
19.3630

 242.7240, 9.7650,
4.7490

 100.0170, 46.0290,
19.3490

 74.9350, 43.3240,
18.8120

 49.6790, 41.1690,
19.3210

 24.0640, 38.6470,
20.9750

 14.9500, 29.8000,

10.6000

■ 1.1960, 2.3840,
0.8480

■ 0.0000, 0.0000,
0.0000

■ 180.3660, 52.3560,
20.3240

■ 180.3660, 52.3560,
20.3240

■ 163.6560, 66.3390,
25.7230

■ 197.0760, 38.3730,
14.9250

■ 146.3590, 80.5970,
31.6450

■ 214.3730, 24.1150,
9.0030

■ 129.5350, 94.9010,
36.7330

■ 231.1970, 9.8110,
3.9150

■ 112.8250,
108.8840, 42.1320

■ 247.9070, -4.1720,
-1.4840

■ 95.5280, 123.1420,
48.0540

■ 251.4120, -7.1520,
-2.5440

■ 78.8180, 137.1250,
53.4530

■ 73.9110, 141.2970,
54.9370

Harmonies

Analogous

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



181.8500, 36.6740, 29.2020



180.3660, 52.3560, 20.3240



178.4780, 54.3760, 5.7360

Triad

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



180.3660, 52.3560, 20.3240



168.5520, -11.5030, -28.3270



169.0840, -61.5300, 2.7740

Complementary

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



180.3660, 52.3560, 20.3240



215.6340, -52.3560, -20.3240

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.



157.4190, -88.1190, -16.4630



180.3660, 52.3560, 20.3240



162.7620, -47.2650, -29.9930

Square

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



180.3660, 52.3560, 20.3240



173.0520, 19.4440, -21.9960



155.0910, -81.7440, -27.3760



178.2460, -26.2750, 19.1410

Rectangle

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



180.3660, 52.3560, 20.3240



177.3210, 47.0880, -5.3600



155.0910, -81.7440, -27.3760



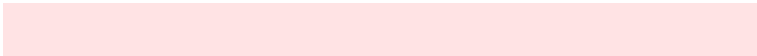
165.1210, -72.1200, -3.5440

Sweetspot

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



180.3660, 52.3560, 20.3240



235.4860, 16.3670, 6.2470



188.9740, 22.3660, 46.2220



116.1970, 9.8110, 3.9150



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.



180.3660, 52.3560, 20.3240



177.0580, 65.1470, 25.2990



203.9770, 42.3650, -2.3630



113.7020, 6.8310, 2.8550



56.5260, 108.2880, 41.9200



17.9830, 34.2010, 13.4410

Inverse Universe

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



180.3660, 52.3560, 20.3240



177.0580, 65.1470, 25.2990



192.6100, -42.6400, 1.8400



113.7020, 6.8310, 2.8550



56.5260, 108.2880, 41.9200



17.9830, 34.2010, 13.4410

Previews

White Background



This preview shows how the YIQ color 180.3660, 52.3560, 20.3240 looks on a white background.

Color Contrast Check

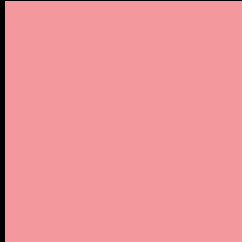
Large Text (above 18pt) WCAG AA × Fail

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 180.3660, 52.3560, 20.3240 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 180.3660, 52.3560, 20.3240

Background



This preview shows how black text looks on a background with the YIQ color 180.3660, 52.3560, 20.3240.



This preview shows how white text looks on a background with the YIQ color 180.3660, 52.3560,

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

180.3660, 52.3560, 20.3240

Protanopia

177.9960, 5.8230, -0.9050

Deuteranopia

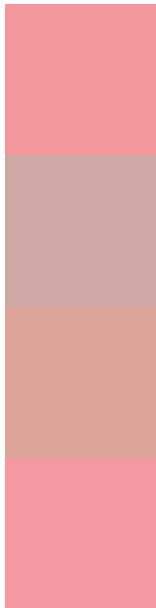
178.9290, 25.1250, 1.7090



Tritanopia

180.7620, 51.3010, 22.9250

Trichromacy



Original Color

180.3660, 52.3560, 20.3240

Protanomaly

178.7210, 23.0150, 6.9110

Deuteranomaly

179.1200, 35.0730, 8.6490

Tritanomaly

180.5340, 51.9430, 22.3030

Monochromacy



Original Color

180.3660, 52.3560, 20.3240

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.0950, 19.0260, 7.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.3660, 52.3560, 20.3240 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(243, 153, 157)` looks like.

```
.text, #text, p{  
    color:rgb(243, 153, 157)  
}
```

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(243, 153, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 153, 157) }
```

Border

The CSS property to change the border of an element to YIQ 180.3660, 52.3560, 20.3240 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(243, 153, 157) }
```


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

```
.border{ border-color:rgb(243, 153, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 153, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 153, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 153, 157);  
box-shadow:4px 4px 4px 4px rgb(243, 153,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 180.3660, 52.3560, 20.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 153, 157) }
```

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

```
.background{ background-color: rgb(243,  
153, 157) }
```

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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