

Converting Colors

YIQ(158.5940, 51.7140, 20.9460)

Have a look what the booklet for
YIQ(158.5940, 51.7140, 20.9460)
contains.

YIQ(158.5940, 51.7140, 20.9460)	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(158.5940, 51.7140,
20.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8389
RGB	221, 131, 137
RGB Percent	87%, 51%, 54%
CMY	0.1331, 0.4864, 0.4625
CMYK	0.00, 0.41, 0.38, 0.13
HSL	356°, 57%, 69%
HSV	356°, 41%, 87%
XYZ	42.4660, 33.4109, 27.8969
YIQ	158.5940, 51.7140, 20.9460

Conversions

Conversions Part 2

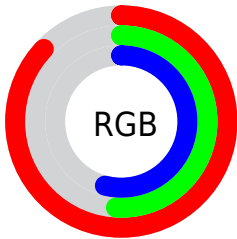
Format	Color
R _Y B	221, 131, 137
Decimal	14517129
CIE Lab	64.49, 35.29, 11.75
CIE LCh	64, 37.197, 18.419
Yxy	33.4109, 0.4092, 0.3220
Android (android.graphics.Color)	4292707209 (0xFFDD8389)
YUV	158.5940, -10.6458, 54.7301
Hunter-Lab	57.8022, 29.9861, 11.8466

Details

The YIQ color **158.5940, 51.7140, 20.9460** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **193.4060, -51.7140, -20.9460**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.5000, 40.1150, 16.3950**, and **105.6150, 47.2210, 19.7730** is the 20% darker color. If you saturate the color by 10%, you get **143.2860, 64.5050, 25.9210**, and if you desaturate by 10%, it is **173.9020, 38.9230, 15.9710**.

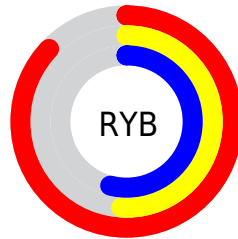
Distribution



Red (87%)

Green (51%)

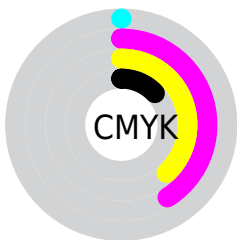
Blue (54%)



Red (87%)

Yellow (51%)

Blue (54%)

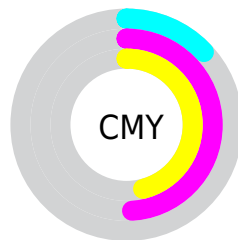


Cyan (0%)

Magenta (41%)

Yellow (38%)

Black (13%)



Cyan (13%)

Magenta (49%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.5940, 51.7140, 20.9460 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 158.5940, 51.7140, 20.9460 by changing the saturation by 10% instead.


 158.5940, 51.7140,
20.9460


 158.5940, 51.7140,
20.9460


255.0000, -0.0000,
-0.0000

 131.8110, 49.6050,
20.6210


 206.5000, 40.1150,
16.3950


 105.6150, 47.2210,
19.7730


 226.1280, 23.4270,
10.4590

 79.9460, 44.7910,
19.7590

 246.4570, 6.1430,
4.3110

 54.6900, 42.6360,
20.2680

 27.3140, 40.9390,
23.4910

 16.7440, 33.3760,
11.8720

 7.2900, 13.9830,

5.3990

■ 0.0000, 0.0000,
0.0000

■ 158.5940, 51.7140,
20.9460

■ 158.5940, 51.7140,
20.9460

■ 143.2860, 64.5050,
25.9210

■ 173.9020, 38.9230,
15.9710

■ 128.0920, 76.9750,
31.2070

■ 189.0960, 26.4530,
10.6850

■ 112.7840, 89.7660,
36.1820

■ 204.4040, 13.6620,
5.7100

■ 97.5900, 102.2360,
41.4680

■ 219.7120, 0.8710,
0.7350

■ 81.6950, 115.3020,
46.9660

■ 234.9060,
-11.5990, -4.5510

■ 67.7890, 126.9010,
51.5170

■ 244.8340,
-20.2640, -7.2080

Harmonies

Analogous

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



160.6650, 35.7570, 29.3010



158.5940, 51.7140, 20.9460



157.2930, 53.4590, 5.8350

Triad

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



158.5940, 51.7140, 20.9460



147.7370, -10.5860, -28.4260



145.9800, -67.1690, 0.3430

Complementary

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



158.5940, 51.7140, 20.9460



193.4060, -51.7140, -20.9460

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.



123.7470, -112.8300, -25.6780



158.5940, 51.7140, 20.9460



140.1640, -48.4570, -30.4170

Square

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



158.5940, 51.7140, 20.9460



151.9380, 19.7650, -22.3070



123.0990, -102.5580, -35.6300



156.9360, -28.3380, 17.9820

Rectangle

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



158.5940, 51.7140, 20.9460



155.7340, 47.3630, -4.8370



123.0990, -102.5580, -35.6300



140.1200, -79.5470, -6.6110

Sweetspot

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



158.5940, 51.7140, 20.9460



233.4970, 17.8340, 7.1940



166.0770, 20.5780, 45.5860



115.4960, 10.4070, 4.1270



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.



158.5940, 51.7140, 20.9460



168.2870, 71.9320, 28.9880



180.2160, 43.1900, -0.7940



102.2890, 6.5560, 2.3320



53.0950, 99.2560, 40.4080



14.0960, 26.4530, 10.6850

Inverse Universe

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



158.5940, 51.7140, 20.9460



168.2870, 71.9320, 28.9880



172.3710, -43.4650, 0.2710



102.2890, 6.5560, 2.3320



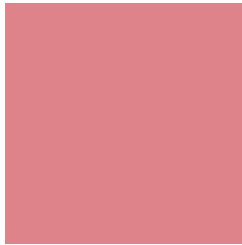
53.0950, 99.2560, 40.4080



14.0960, 26.4530, 10.6850

Previews

White Background



This preview shows how the YIQ color 158.5940, 51.7140, 20.9460 looks on a white background.

Color Contrast Check

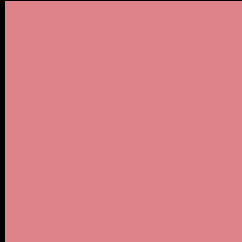
Large Text (above 18pt) WCAG AA × Fail

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 158.5940, 51.7140, 20.9460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

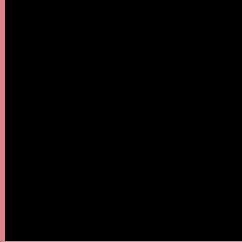
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.5940, 51.7140, 20.9460

Background



This preview shows how black text looks on a background with the YIQ color 158.5940, 51.7140, 20.9460.



This preview shows how white text looks on a background with the YIQ color 158.5940, 51.7140,

20.9460.

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

158.5940, 51.7140, 20.9460

Protanopia

156.8110, 4.9060, -0.8060

Deuteranopia

157.7330, 22.7410, 0.8610



Tritanopia

158.3490, 51.0260, 22.4020

Trichromacy



Original Color

158.5940, 51.7140, 20.9460

Protanomaly

157.5360, 22.0980, 7.0100

Deuteranomaly

158.2230, 33.2850, 8.0130

Tritanomaly

158.2350, 51.3470, 22.0910

Monochromacy



Original Color

158.5940, 51.7140, 20.9460

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.0950, 19.0260, 7.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.5940, 51.7140, 20.9460 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(221, 131, 137)` looks like.

```
.text, #text, p{  
    color:rgb(221, 131, 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(221, 131, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 131, 137) }
```

Border

The CSS property to change the border of an element to YIQ 158.5940, 51.7140, 20.9460 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(221, 131, 137) }
```


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

```
.border{ border-color:rgb(221, 131, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 131, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 131, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 131, 137);  
box-shadow:4px 4px 4px 4px rgb(221, 131,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 158.5940, 51.7140, 20.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 131, 137) }
```

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

```
.background{ background-color: rgb(221,  
131, 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](#).

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