

Converting Colors

YIQ(152.6340, 19.8470, 31.2950)

Have a look what the booklet for
YIQ(152.6340, 19.8470, 31.2950)
contains.

YIQ(152.6340, 19.8470, 31.2950)	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(152.6340, 19.8470,
31.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7FB8
RGB	191, 127, 184
RGB Percent	75%, 50%, 72%
CMY	0.2508, 0.5020, 0.2784
CMYK	0.00, 0.34, 0.04, 0.25
HSL	307°, 33%, 62%
HSV	307°, 34%, 75%
XYZ	37.7365, 29.7155, 49.0990
YIQ	152.6340, 19.8470, 31.2950

Conversions

Conversions Part 2

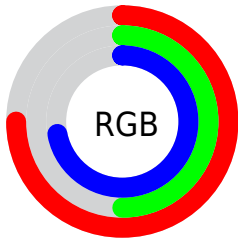
Format	Color
R_{YB}	191, 127, 184
Decimal	12550072
CIE _{Lab}	61.41, 33.83, -19.91
CIE _{LCh}	61, 39.255, 329.530
Yxy	29.7155, 0.3238, 0.2550
Android (android.graphics.Color)	4290740152 (0xFFBF7FB8)
YUV	152.6340, 15.4634, 33.6470
Hunter-Lab	54.5119, 28.1728, -15.2443

Details

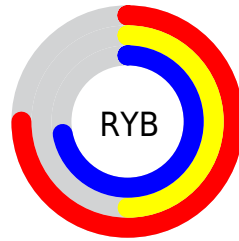
The YIQ color **152.6340, 19.8470, 31.2950** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **165.3660, -19.8470, -31.2950**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.7590, 20.9930, 32.5530**, and **100.2100, 18.1050, 29.8250** is the 20% darker color. If you saturate the color by 10%, you get **141.2530, 25.7140, 40.6100**, and if you desaturate by 10%, it is **164.0150, 13.9800, 21.9800**.

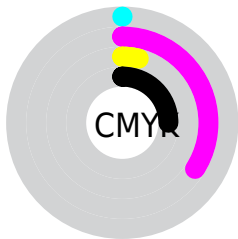
Distribution



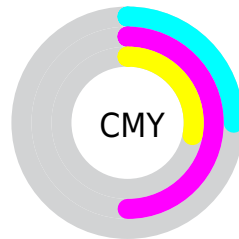
- Red (75%)
- Green (50%)
- Blue (72%)



- Red (75%)
- Yellow (50%)
- Blue (72%)



- Cyan (0%)
- Magenta (34%)
- Yellow (4%)
- Black (25%)





- Cyan (25%)
- Magenta (50%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.6340, 19.8470, 31.2950 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 152.6340, 19.8470, 31.2950 by changing the saturation by 10% instead.


 152.6340, 19.8470,
31.2950


 152.6340, 19.8470,
31.2950


255.0000, -0.0000,
-0.0000


 125.9220, 18.9760,
30.5600


 207.7590, 20.9930,
32.5530


 100.2100, 18.1050,
29.8250


 227.9980, 12.6500,
24.0580

 75.4980, 17.2340,
29.0900

 244.4340, 4.9500,
9.4140

 51.0850, 16.9590,
28.5670

 25.7260, 16.5920,
29.7120

 16.1780, 11.9630,
19.9870

 1.3680, -3.8520,

3.7320

■ 0.0000, 0.0000,
0.0000

■ 152.6340, 19.8470,
31.2950

■ 152.6340, 19.8470,
31.2950

■ 141.2530, 25.7140,
40.6100

■ 164.0150, 13.9800,
21.9800

■ 129.8720, 31.5810,
49.9250

■ 175.3960, 8.1130,
12.6650

■ 118.4910, 37.4480,
59.2400

■ 186.7770, 2.2460,
3.3500

■ 107.1100, 43.3150,
68.5550

■ 198.1580, -3.6210,
-5.9650

■ 95.1420, 49.4570,
78.3930

■ 210.2400,
-10.0840, -15.4920

83.6470, 55.6450,
87.3970

221.6210,
-15.9510, -24.8070

76.4890, 59.2660,
93.3620

229.4800,
-20.1680, -30.9840

229.7080,
-20.8100, -30.3620

229.9360,
-21.4520, -29.7400

Harmonies

Analogous

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



150.5680, -15.3180, 24.3140



152.6340, 19.8470, 31.2950



150.9280, 45.2020, 28.8340

Triad

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



152.6340, 19.8470, 31.2950



145.4240, 36.1320, -16.0600



118.0760, -103.7510, -30.5270

Complementary

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



152.6340, 19.8470, 31.2950



165.3660, -19.8470, -31.2950

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.



122.5720, -76.1490, -35.1650



152.6340, 19.8470, 31.2950



141.7410, 9.9540, -26.2220

Square

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



152.6340, 19.8470, 31.2950



148.0060, 52.5890, -0.4270



135.9570, -25.9450, -30.9130



118.1050, -110.7220, -19.8260

Rectangle

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



152.6340, 19.8470, 31.2950



149.7900, 54.0980, 21.7940



135.9570, -25.9450, -30.9130



116.8220, -100.2200, -33.9480

Sweetspot

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



152.6340, 19.8470, 31.2950



232.6840, 7.2420, 11.9300



136.0900, -16.9680, 21.1760



115.9670, 4.7670, 7.2230



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



152.6340, 19.8470, 31.2950



187.6330, 30.7560, 48.3560



149.1000, 29.7980, 21.6540



88.6030, 2.7960, 4.3960



63.3160, 48.9070, 77.3470



12.3470, 9.8090, 14.9690

Inverse Universe

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



152.6340, 19.8470, 31.2950



187.6330, 30.7560, 48.3560



168.9000, -29.7980, -21.6540



88.6030, 2.7960, 4.3960



63.3160, 48.9070, 77.3470



12.3470, 9.8090, 14.9690

Previews

White Background



This preview shows how the YIQ color 152.6340, 19.8470, 31.2950 looks on a white background.

Color Contrast Check

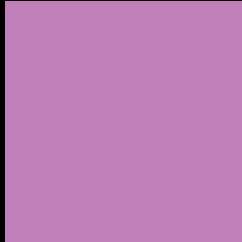
Large Text (above 18pt) WCAG AA ✓ Pass

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 152.6340, 19.8470, 31.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

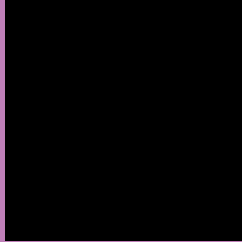
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 152.6340, 19.8470, 31.2950

Background



This preview shows how black text looks on a background with the YIQ color 152.6340, 19.8470, 31.2950.



This preview shows how white text looks on a background with the YIQ color 152.6340, 19.8470,

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

152.6340, 19.8470, 31.2950

Protanopia

148.9270, -24.1190, 13.1050

Deuteranopia

149.7020, -10.3640, 11.6200



Tritanopia

151.3890, 27.1860, 13.9220

Trichromacy



Original Color

152.6340, 19.8470, 31.2950

Protanomaly

150.5270, -8.0730, 19.6630

Deuteranomaly

150.4910, 0.7760, 18.9840

Tritanomaly

151.8220, 24.7090, 20.2690

Monochromacy



Original Color

152.6340, 19.8470, 31.2950

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.1570, 7.2880, 11.0960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.6340, 19.8470, 31.2950 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(191, 127, 184)` looks like.

```
.text, #text, p{  
    color:rgb(191, 127, 184)  
}
```

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(191, 127, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 127, 184) }
```

Border

The CSS property to change the border of an element to YIQ 152.6340, 19.8470, 31.2950 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(191, 127, 184) }
```


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

```
.border{ border-color:rgb(191, 127, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 127, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 127, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 127, 184);  
box-shadow:4px 4px 4px 4px rgb(191, 127,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 152.6340, 19.8470, 31.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 127, 184) }
```

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

```
.background{ background-color: rgb(191,  
127, 184) }
```

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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