

Converting Colors

YIQ(152.4940, 40.2520, 19.4200)

Have a look what the booklet for
YIQ(152.4940, 40.2520, 19.4200)
contains.

YIQ(152.4940, 40.2520, 19.4200)	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(152.4940, 40.2520,
19.4200)**

Conversions

Conversions Part 1

Format	Color
Hex	CB818D
RGB	203, 129, 141
RGB Percent	80%, 51%, 55%
CMY	0.2037, 0.4942, 0.4469
CMYK	0.00, 0.36, 0.31, 0.20
HSL	350°, 42%, 65%
HSV	350°, 36%, 80%
XYZ	37.2981, 30.3196, 29.1007
YIQ	152.4940, 40.2520, 19.4200

Conversions

Conversions Part 2

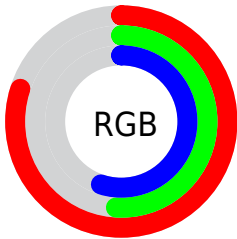
Format	Color
RYB	203, 129, 141
Decimal	13336973
CIELab	61.93, 30.16, 5.53
CIELCh	62, 30.663, 10.394
Yxy	30.3196, 0.3856, 0.3135
Android (android.graphics.Color)	4291527053 (0xFFCB818D)
YUV	152.4940, -5.6665, 44.2938
Hunter-Lab	55.0633, 24.5494, 7.2098

Details

The YIQ color **152.4940, 40.2520, 19.4200** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **179.5060, -40.2520, -19.4200**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **205.8960, 39.0600, 18.9960**, and **100.1130, 36.9510, 18.6710** is the 20% darker color. If you saturate the color by 10%, you get **138.8160, 51.2090, 24.5930**, and if you desaturate by 10%, it is **166.1720, 29.2950, 14.2470**.

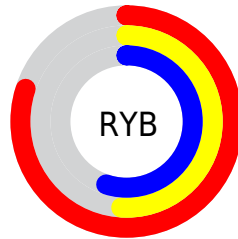
Distribution



Red (80%)

Green (51%)

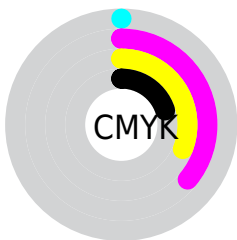
Blue (55%)



Red (80%)

Yellow (51%)

Blue (55%)

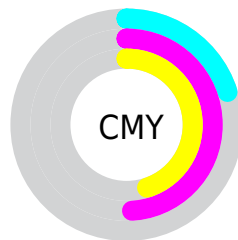


Cyan (0%)

Magenta (36%)

Yellow (31%)

Black (20%)



Cyan (20%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.4940, 40.2520, 19.4200 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 152.4940, 40.2520, 19.4200 by changing the saturation by 10% instead.


 152.4940, 40.2520,
19.4200


 152.4940, 40.2520,
19.4200


255.0000, -0.0000,
-0.0000


 126.0100, 38.7390,
19.3070


 205.8960, 39.0600,
18.9960


 100.1130, 36.9510,
18.6710


 225.4100, 22.6930,
12.7490

 75.3300, 34.8420,
18.3460

 245.1520, 5.6840,
7.1240

 50.6610, 32.4120,
18.3320

 26.1170, 31.1280,
19.5760

 13.7540, 27.4160,
9.7520

 0.0000, 0.0000,

0.0000

■ 152.4940, 40.2520,
19.4200

■ 152.4940, 40.2520,
19.4200

■ 138.8160, 51.2090,
24.5930

■ 166.1720, 29.2950,
14.2470

■ 124.5510, 62.4410,
30.2890

■ 180.4370, 18.0630,
8.5510

■ 110.8730, 73.3980,
35.4620

■ 194.1150, 7.1060,
3.3780

■ 97.1950, 84.3550,
40.6350

■ 207.7930, -3.8510,
-1.7950

■ 82.9300, 95.5870,
46.3310

■ 221.4710,
-14.8080, -6.9680

■ 69.2520, 106.5440,
51.5040

■ 235.7360,
-26.0400, -12.6640

■ 64.4590, 110.3950,
53.2990

■ 239.4520,
-30.9920, -11.0240

Harmonies

Analogous

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



153.4570, 24.4790, 24.4390



152.4940, 40.2520, 19.4200



151.0950, 45.3890, 8.9170

Triad

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



152.4940, 40.2520, 19.4200



143.5150, -0.9130, -22.0090



140.0750, -57.3110, -2.1030

Complementary

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



152.4940, 40.2520, 19.4200



179.5060, -40.2520, -19.4200

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.



132.8030, -71.7050, -16.5770



152.4940, 40.2520, 19.4200



139.3190, -29.6600, -24.1560

Square

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



152.4940, 40.2520, 19.4200



147.1220, 22.4230, -15.4090



133.7150, -57.0780, -22.8540



148.5780, -30.4460, 12.1300

Rectangle

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



152.4940, 40.2520, 19.4200



150.1450, 41.9520, -0.3840



133.7150, -57.0780, -22.8540



137.4930, -64.6000, -7.6720

Sweetspot

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



152.4940, 40.2520, 19.4200



235.9420, 15.0830, 7.4910



155.9740, 13.1980, 36.1580



116.4250, 9.1690, 4.5370



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.



152.4940, 40.2520, 19.4200



178.5400, 60.9740, 29.3420



165.8010, 37.2290, 2.6130



95.1040, 5.6390, 2.4310



52.7120, 90.2690, 43.5890



12.0460, 20.7220, 9.9220

Inverse Universe

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



152.4940, 40.2520, 19.4200



178.5400, 60.9740, 29.3420



166.1990, -37.2290, -2.6130



95.1040, 5.6390, 2.4310



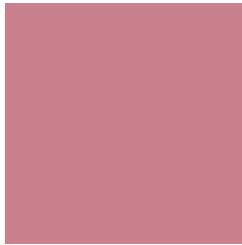
52.7120, 90.2690, 43.5890



12.0460, 20.7220, 9.9220

Previews

White Background



This preview shows how the YIQ color 152.4940, 40.2520, 19.4200 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 152.4940, 40.2520, 19.4200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

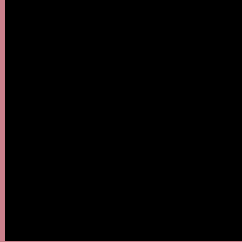
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.4940, 40.2520, 19.4200

Background



This preview shows how black text looks on a background with the YIQ color 152.4940, 40.2520, 19.4200.



This preview shows how white text looks on a background with the YIQ color 152.4940, 40.2520,

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

152.4940, 40.2520, 19.4200

Protanopia

150.2390, 0.8250, 1.5690

Deuteranopia

151.3780, 16.5510, 2.9110



Tritanopia

152.2660, 40.8940, 18.7980

Trichromacy



Original Color

152.4940, 40.2520, 19.4200

Protanomaly

151.3550, 15.3580, 8.0140

Deuteranomaly

151.5580, 25.0320, 8.9040

Tritanomaly

152.3800, 40.5730, 19.1090

Monochromacy



Original Color

152.4940, 40.2520, 19.4200

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.5290, 14.8080, 6.9680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.4940, 40.2520, 19.4200 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(203, 129, 141)` looks like.

```
.text, #text, p{  
    color:rgb(203, 129, 141)  
}
```

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(203, 129, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 129, 141) }
```

Border

The CSS property to change the border of an element to YIQ 152.4940, 40.2520, 19.4200 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(203, 129, 141) }
```


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

```
.border{ border-color:rgb(203, 129, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 129, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 129, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 129, 141);  
box-shadow:4px 4px 4px 4px rgb(203, 129,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 152.4940, 40.2520, 19.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 129, 141) }
```

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

```
.background{ background-color: rgb(203,  
129, 141) }
```

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