

Converting Colors

YIQ(152.8000, 29.8020, -0.4540)

Have a look what the booklet for
YIQ(152.8000, 29.8020, -0.4540)
contains.

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Color

**YIQ(152.8000, 29.8020,
-0.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	B59177
RGB	181, 145, 119
RGB Percent	71%, 57%, 47%
CMY	0.2901, 0.4314, 0.5332
CMYK	0.00, 0.20, 0.34, 0.29
HSL	25°, 30%, 59%
HSV	25°, 34%, 71%
XYZ	32.5152, 31.4048, 21.8119
YIQ	152.8000, 29.8020, -0.4540

Conversions

Conversions Part 2

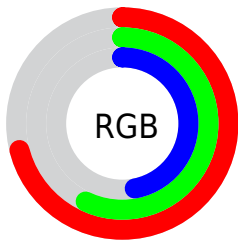
Format	Color
RYB	181, 164, 119
Decimal	11899255
CIELab	62.85, 9.83, 18.92
CIELCh	63, 21.322, 62.545
Yxy	31.4048, 0.3793, 0.3663
Android (android.graphics.Color)	4290089335 (0xFFB59177)
YUV	152.8000, -16.6634, 24.7314
Hunter-Lab	56.0400, 5.4982, 16.1511

Details

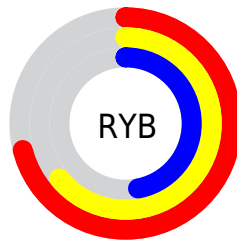
The YIQ color $152.8000, 29.8020, -0.4540$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $147.2000, -29.8020, 0.4540$, and the grayscale version is $153.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $207.4690, 32.2320, -0.4400$, and $101.7180, 27.0970, -0.9910$ is the 20% darker color. If you saturate the color by 10%, you get $144.2910, 38.6050, -0.2990$, and if you desaturate by 10%, it is $161.3090, 20.9990, -0.6090$.

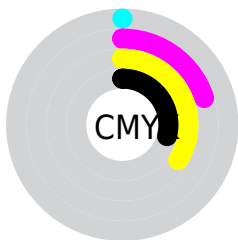
Distribution



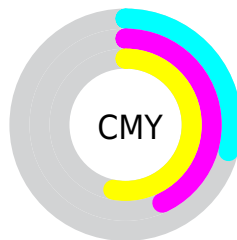
- Red (71%)
- Green (57%)
- Blue (47%)



- Red (71%)
- Yellow (64%)
- Blue (47%)



- Cyan (0%)
- Magenta (20%)
- Yellow (34%)
- Black (29%)





- Cyan (29%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.8000, 29.8020, -0.4540 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 152.8000, 29.8020, -0.4540 by changing the saturation by 10% instead.


 152.8000, 29.8020,
-0.4540


 152.8000, 29.8020,
-0.4540


255.0000, -0.0000,
-0.0000


 126.6150, 28.8850,
-0.3550


 207.4690, 32.2320,
-0.4400


 101.7180, 27.0970,
-0.9910


 232.1800, 25.6760,
-2.7720

 77.3480, 25.2630,
-0.7930

 251.8080, 8.9880,
-8.7080

 53.9780, 23.4290,
-0.5950

 31.5110, 23.2460,
-2.7860

 10.1440, 17.3300,
5.3140

 0.0000, 0.0000,

0.0000

■ 152.8000, 29.8020,
-0.4540

■ 152.8000, 29.8020,
-0.4540

■ 144.2910, 38.6050,
-0.2990

■ 161.3090, 20.9990,
-0.6090

■ 136.3690, 47.1330,
-0.6670

■ 169.2310, 12.4710,
-0.2410

■ 127.8600, 55.9360,
-0.5120

■ 177.7400, 3.6680,
-0.3960

■ 119.9380, 64.4640,
-0.8800

■ 185.6620, -4.8600,
-0.0280

■ 111.4290, 73.2670,
-0.7250

■ 194.2850,
-13.9840, 0.1280

■ 103.3930, 82.1160,
-1.4040

■ 202.2070,
-22.5120, 0.4960

■ 98.7310, 86.9760,
-1.3760

■ 210.7160,
-31.3150, 0.3410

■ 217.6120,
-36.9540, -2.0900

■ 224.0690,
-39.9790, -7.8430

Harmonies

Analogous

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



154.1520, 32.0470, 8.4230



152.8000, 29.8020, -0.4540



150.9680, 20.2210, -8.5390

Triad

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



152.8000, 29.8020, -0.4540



144.2190, -31.9540, -15.6180



154.2080, -5.9170, 13.6270

Complementary

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



152.8000, 29.8020, -0.4540



147.2000, -29.8020, 0.4540

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.



150.6400, -24.9890, 6.8430



152.8000, 29.8020, -0.4540



144.0040, -41.3540, -10.4580

Square

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



152.8000, 29.8020, -0.4540



146.2610, -14.5770, -16.6650



146.7150, -38.7420, -2.7260



155.3690, 12.7430, 16.8630

Rectangle

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



152.8000, 29.8020, -0.4540



149.4720, 9.8140, -12.6660



146.7150, -38.7420, -2.7260



153.3320, -12.1980, 11.8180

Sweetspot

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



152.8000, 29.8020, -0.4540



224.0460, 11.5540, -0.1420



141.6420, 25.3960, 24.3400



110.7080, 6.6940, -0.1700



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



152.8000, 29.8020, -0.4540



191.0700, 46.5370, -0.8790



170.9970, 21.2770, -16.6670



85.0390, 4.2640, -0.1840



83.3150, 73.5880, -1.0360



14.2310, 12.4710, -0.2410

Inverse Universe

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



147.2000, -29.8020, 0.4540



181.9300, -46.5370, 0.8790



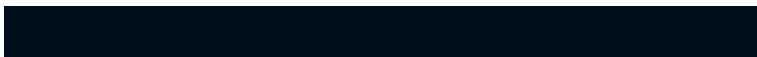
129.0030, -21.2770, 16.6670



84.5480, -4.5390, -0.3390



69.6850, -73.5880, 1.0360



11.7690, -12.4710, 0.2410

Previews

White Background



This preview shows how the YIQ color 152.8000, 29.8020, -0.4540 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 152.8000, 29.8020, -0.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

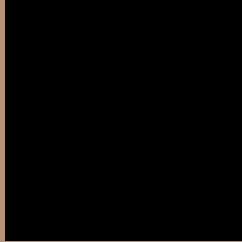
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.8000, 29.8020, -0.4540

Background



This preview shows how black text looks on a background with the YIQ color 152.8000, 29.8020, -0.4540.



This preview shows how white text looks on a background with the YIQ color 152.8000, 29.8020,

-0.4540.

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

152.8000, 29.8020, -0.4540

Protanopia

151.5700, 15.5900, -7.2100

Deuteranopia

152.4900, 27.7390, -1.6130



Tritanopia

154.4100, 22.6930, 12.7490

Trichromacy



Original Color

152.8000, 29.8020, -0.4540

Protanomaly

151.7880, 20.9080, -4.4680

Deuteranomaly

152.7890, 28.3350, -1.4010

Tritanomaly

153.9170, 25.3990, 7.7590

Monochromacy



Original Color

152.8000, 29.8020, -0.4540

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.8610, 10.6370, -0.0430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.8000, 29.8020, -0.4540 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(181, 145, 119)` looks like.

```
.text, #text, p{  
    color:rgb(181, 145, 119)  
}
```

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(181, 145, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 145, 119) }
```

Border

The CSS property to change the border of an element to YIQ 152.8000, 29.8020, -0.4540 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(181, 145, 119) }
```


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

```
.border{ border-color:rgb(181, 145, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 145, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 145, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 145, 119);  
box-shadow:4px 4px 4px 4px rgb(181, 145,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 152.8000, 29.8020, -0.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 145, 119) }
```

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

```
.background{ background-color: rgb(181,  
145, 119) }
```

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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