

Converting Colors

YIQ(103.1590, 48.5050, 18.5290)

Have a look what the booklet for
YIQ(103.1590, 48.5050, 18.5290)
contains.

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Color

**YIQ(103.1590, 48.5050,
18.5290)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A14E51 |
| RGB | 161, 78, 81 |
| RGB Percent | 63%, 31%, 32% |
| CMY | 0.3684, 0.6942, 0.6822 |
| CMYK | 0.00, 0.52, 0.50, 0.37 |
| HSL | 358°, 35%, 47% |
| HSV | 358°, 52%, 63% |
| XYZ | 18.9171, 13.6210, 9.4262 |
| YIQ | 103.1590, 48.5050, 18.5290 |

Conversions

Conversions Part 2

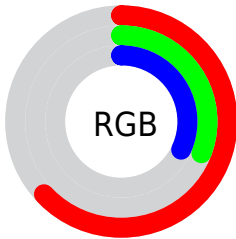
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 161, 78, 81 |
| Decimal | 10571345 |
| CIELab | 43.68, 34.67, 14.43 |
| CIElCh | 44, 37.550, 22.597 |
| Yxy | 13.6210, 0.4508, 0.3246 |
| Android (android.graphics.Color) | 4288761425 (0xFFA14E51) |
| YUV | 103.1590, -10.9244, 50.7266 |
| Hunter-Lab | 36.9066, 26.9067, 10.6916 |




Details

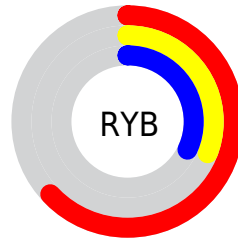
The YIQ color **103.1590, 48.5050, 18.5290** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **135.8410, -48.5050, -18.5290**, and the grayscale version is **103.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **156.0240, 53.3190, 19.3910**, and **52.0490, 43.0030, 19.1230** is the 20% darker color. If you saturate the color by 10%, you get **92.0570, 57.7200, 22.2320**, and if you desaturate by 10%, it is **114.3750, 38.9690, 15.1370**.

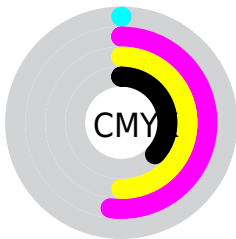
Distribution







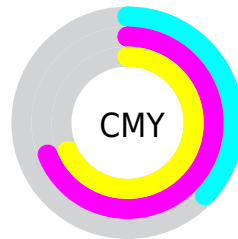
-  Red (63%)
-  Green (31%)
-  Blue (32%)






-  Red (63%)
-  Yellow (31%)
-  Blue (32%)



-  Cyan (0%)
-  Magenta (52%)
-  Yellow (50%)
-  Black (37%)



-  Cyan (37%)
-  Magenta (69%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.1590, 48.5050, 18.5290 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 103.1590, 48.5050, 18.5290 by changing the saturation by 10% instead.

■ 103.1590, 48.5050,
18.5290

■ 103.1590, 48.5050,
18.5290

■ 255.0000, -0.0000,
-0.0000

■ 77.4900, 46.0750,
18.5150

■ 156.0240, 53.3190,
19.3910

■ 52.0490, 43.0030,
19.1230

■ 183.8070, 55.4280,
19.7160

■ 25.1460, 41.3520,
21.5120

■ 204.5280, 42.9120,
15.2640

■ 15.8470, 31.5880,
11.2360

■ 224.1560, 26.2240,
9.3280

■ 5.3820, 10.7280,
3.8160

■ 244.3710, 9.2610,
2.8690

■ 0.0000, 0.0000,
0.0000

103.1590, 48.5050,
18.5290

103.1590, 48.5050,
18.5290

92.0570, 57.7200,
22.2320

114.3750, 38.9690,
15.1370

80.8410, 67.2560,
25.6240

125.4770, 29.7540,
11.4340

69.7390, 76.4710,
29.3270

136.6930, 20.2180,
8.0420

58.5230, 86.0070,
32.7190

147.7950, 11.0030,
4.3390

48.8230, 94.0300,
35.9980


159.0110, 1.4670,
0.9470

170.7000, -8.0230,
-3.2790

181.9160,
-17.5590, -6.6710

193.0180,

-26.7740, -10.3740

 204.2340,
-36.3100, -13.7660

Harmonies

Analogous

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



104.9100, 36.4450, 27.8450



103.1590, 48.5050, 18.5290



102.1890, 47.8200, 3.4040

Triad

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



103.1590, 48.5050, 18.5290



92.7410, -16.4090, -27.5210



83.0920, -82.3440, -5.4800

Complementary

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



103.1590, 48.5050, 18.5290



135.8410, -48.5050, -18.5290

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.



85.4200, -80.6920, -13.3960



103.1590, 48.5050, 18.5290



79.9820, -62.6240, -32.4800

Square

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



103.1590, 48.5050, 18.5290



98.1870, 14.6300, -22.8580



84.2170, -73.1710, -23.0510



103.3880, -23.7990, 18.3210

Rectangle

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



103.1590, 48.5050, 18.5290



101.3310, 41.1280, -7.4800



84.2170, -73.1710, -23.0510



84.2120, -82.8020, -8.1940

Sweetspot

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



103.1590, 48.5050, 18.5290



187.3830, 18.1550, 6.8830



111.0830, 20.4410, 42.5610



91.6810, 11.3240, 4.0280



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



103.1590, 48.5050, 18.5290



118.4400, 75.8750, 29.1150



124.5360, 39.2930, -1.7550



75.8050, 5.0430, 2.2190



43.9250, 84.8150, 32.2950



5.4960, 10.4070, 4.1270

Inverse Universe

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



103.1590, 48.5050, 18.5290



118.4400, 75.8750, 29.1150



114.4640, -39.2930, 1.7550



75.8050, 5.0430, 2.2190



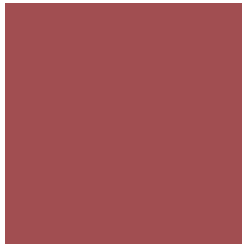
43.9250, 84.8150, 32.2950



5.4960, 10.4070, 4.1270

Previews

White Background



This preview shows how the YIQ color 103.1590, 48.5050, 18.5290 looks on a white background.

Color Contrast Check

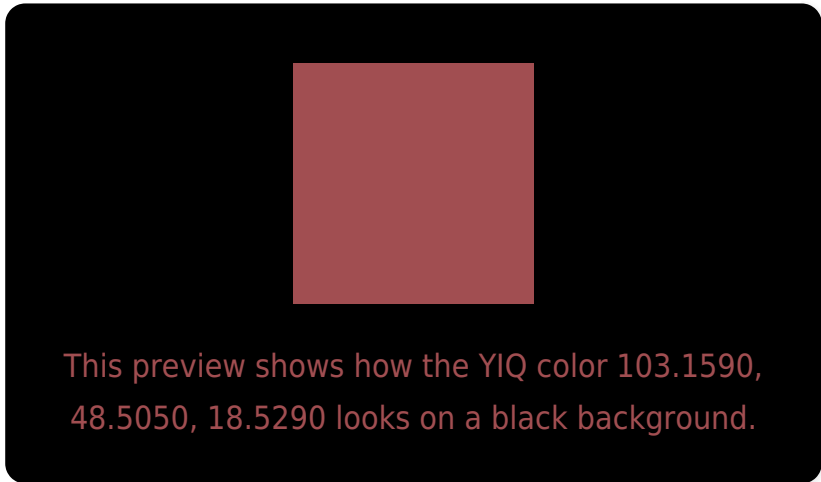
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

YIQ 103.1590, 48.5050, 18.5290

Background



This preview shows how black text looks on a background with the YIQ color 103.1590, 48.5050, 18.5290.



This preview shows how white text looks on a background with the YIQ color 103.1590, 48.5050,

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

103.1590, 48.5050, 18.5290

Protanopia

103.3550, 6.1900, -2.0500

Deuteranopia

104.2550, 21.0910, -2.2770



Tritanopia

103.3870, 47.8630, 19.1510

Trichromacy



Original Color

103.1590, 48.5050, 18.5290

Protanomaly

103.2970, 21.2730, 5.4410

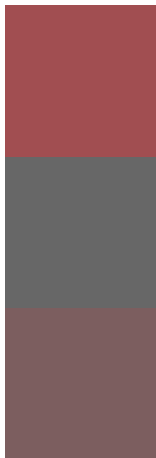
Deuteranomaly

103.8590, 31.3140, 5.1860

Tritanomaly

103.2730, 48.1840, 18.8400

Monochromacy



Original Color

103.1590, 48.5050, 18.5290

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.0840, 17.5590, 6.6710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.1590, 48.5050, 18.5290 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(161, 78, 81)` looks like.

```
.text, #text, p{  
    color:rgb(161, 78, 81)  
}
```

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(161, 78, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 78, 81) }
```

Border

The CSS property to change the border of an element to YIQ 103.1590, 48.5050, 18.5290 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(161, 78, 81) }
```


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

```
.border{ border-color:rgb(161, 78, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 78, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 78, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 78, 81);  
box-shadow:4px 4px 4px 4px rgb(161, 78,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 103.1590, 48.5050, 18.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 78, 81) }
```

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

```
.background{ background-color: rgb(161, 78,  
81) }
```

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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