

Converting Colors

YIQ(51.4150, -8.9520, 63.1440)

Have a look what the booklet for
YIQ(51.4150, -8.9520, 63.1440)
contains.

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Color

**YIQ(51.4150, -8.9520,
63.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	520DA9
RGB	82, 13, 169
RGB Percent	32%, 5%, 66%
CMY	0.6782, 0.9491, 0.3374
CMYK	0.51, 0.92, 0.00, 0.34
HSL	267°, 86%, 36%
HSV	267°, 92%, 66%
XYZ	10.7867, 4.9470, 37.9028
YIQ	51.4150, -8.9520, 63.1440

Conversions

Conversions Part 2

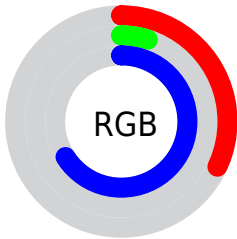
Format	Color
R_{YB}	82, 13, 169
Decimal	5377449
CIE _{Lab}	26.58, 58.53, -67.27
CIE _{LCh}	27, 89.169, 311.024
Yxy	4.9470, 0.2011, 0.0922
Android (android.graphics.Color)	4283567529 (0xFF520DA9)
YUV	51.4150, 57.9694, 26.8230
Hunter-Lab	22.2419, 47.6444, -85.4679




Details

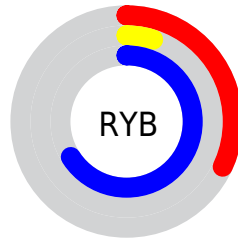
The YIQ color **51.4150, -8.9520, 63.1440** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **130.5850, 8.9520, -63.1440**, and the grayscale version is **51.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **110.0730, -7.9890, 62.2110**, and **13.7080, -35.7230, 36.1890** is the 20% darker color. If you saturate the color by 10%, you get **41.6910, -9.5490, 68.4590**, and if you desaturate by 10%, it is **64.0850, -8.2630, 56.1610**.

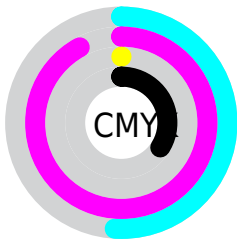
Distribution







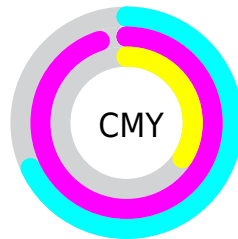
-  Red (32%)
-  Green (5%)
-  Blue (66%)






-  Red (32%)
-  Yellow (5%)
-  Blue (66%)



-  Cyan (51%)
-  Magenta (92%)
-  Yellow (0%)
-  Black (34%)



-  Cyan (68%)
-  Magenta (95%)
-  Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.4150, -8.9520, 63.1440 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 51.4150, -8.9520, 63.1440 by changing the saturation by 10% instead.

51.4150, -8.9520,
63.1440

51.4150, -8.9520,
63.1440

255.0000, -0.0000,
-0.0000

31.1380, -15.7820,
54.7620

110.0730, -7.9890,
62.2110

14.0070, -35.1270,
36.4010

137.4260, -7.4850,
64.0910

10.2600, -28.8900,
27.9900

162.2450, 2.9700,
56.3300

10.9320, -22.5150,
17.0770

186.7650, 12.8290,
48.3570

6.5490, -14.3070,
11.4930

210.9750, 20.6250,
39.2250

2.8670, -6.6950,
5.6970


227.4110, 12.9250,


0.0000, 0.0000,


24.5810


0.0000


 244.4340, 4.9500,
9.4140


 51.4150, -8.9520,
63.1440

 51.4150, -8.9520,
63.1440

 41.6910, -9.5490,
68.4590

 64.0850, -8.2630,
56.1610

 77.0540, -6.9780,
49.3900

 89.7240, -6.2890,
42.4070

 102.6930, -5.0040,
35.6360

 114.7760, -4.0400,
29.1760

■ 127.7450, -2.7550,
22.4050

■ 140.4150, -2.0660,
15.4220

■ 153.0850, -1.3770,
8.4390

■ 166.0540, -0.0920,
1.6680

Harmonies

Analogous

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



62.3570, -83.2670, 27.7810



51.4150, -8.9520, 63.1440



58.4720, 56.7950, 66.5470

Triad

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



51.4150, -8.9520, 63.1440



57.5550, 55.4770, 2.3010



59.9270, -51.6230, -17.0870

Complementary

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



51.4150, -8.9520, 63.1440



130.5850, 8.9520, -63.1440

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.



49.8610, -26.0350, -40.2990



51.4150, -8.9520, 63.1440



56.9480, 13.8050, -24.4270

Square

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



51.4150, -8.9520, 63.1440



45.4480, 90.5920, 32.2240



46.3730, -21.7250, -41.3170



68.6250, -73.3590, 2.3930

Rectangle

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



51.4150, -8.9520, 63.1440



57.8270, 80.1800, 55.7320



46.3730, -21.7250, -41.3170



56.6040, -43.6440, -24.0280

Sweetspot

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



51.4150, -8.9520, 63.1440



173.0270, -3.4890, 24.6950



82.4400, -74.2760, 2.4920



81.4150, -2.0660, 15.4220



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



51.4150, -8.9520, 63.1440



53.9690, -12.4870, 88.6730



74.4380, 36.9400, 79.4680



77.8090, -0.7800, 3.1240



36.6060, -8.1720, 60.0200



4.9710, -1.0560, 8.1280

Inverse Universe

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



69.5620, 65.0490, 60.1290



79.3890, 91.3620, 84.3700



107.5620, -36.9400, -79.4680



78.8480, 3.4840, 2.9400



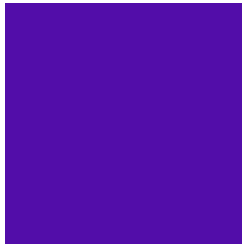
53.6000, 61.8860, 56.8780



7.2340, 8.3890, 7.6610

Previews

White Background



This preview shows how the YIQ color 51.4150, -8.9520, 63.1440 looks on a white background.

Color Contrast Check

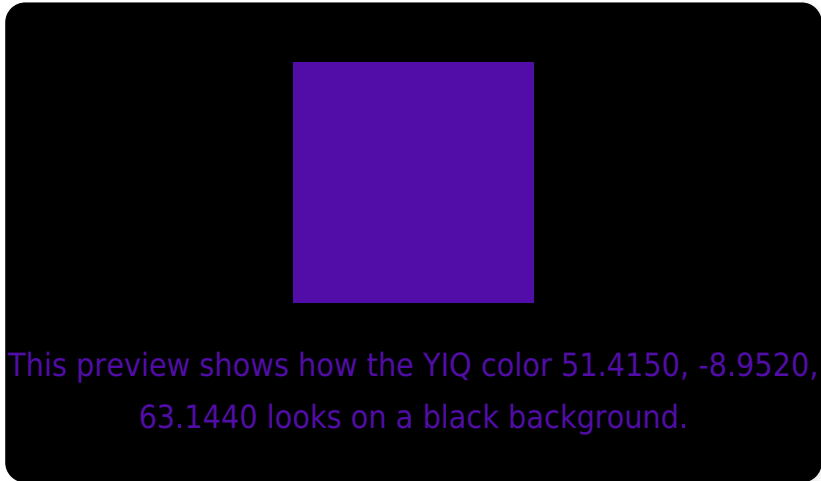
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YIQ 51.4150, -8.9520, 63.1440

Background



This preview shows how black text looks on a background with the YIQ color 51.4150, -8.9520, 63.1440.



This preview shows how white text looks on a background with the YIQ color 51.4150, -8.9520,

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

51.4150, -8.9520, 63.1440

Protanopia

51.3280, -59.1010, 8.3150

Deuteranopia

51.5100, -54.1020, 0.3140



Tritanopia

62.7970, -9.6740, -0.8900

Trichromacy



Original Color

51.4150, -8.9520, 63.1440

Protanomaly

51.3280, -40.7650, 28.4430

Deuteranomaly

51.7210, -37.7380, 23.1420

Tritanomaly

58.9230, -9.1280, 22.2640

Monochromacy



Original Color

51.4150, -8.9520, 63.1440

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.9730, -3.3970, 23.0270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.4150, -8.9520, 63.1440 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(82, 13, 169)` looks like.

```
.text, #text, p{  
    color:rgb(82, 13, 169)  
}
```

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(82, 13, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 13, 169) }
```

Border

The CSS property to change the border of an element to YIQ 51.4150, -8.9520, 63.1440 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(82, 13, 169) }
```


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

```
.border{ border-color:rgb(82, 13, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 13, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 13, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 13, 169);  
box-shadow:4px 4px 4px 4px rgb(82, 13,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 51.4150, -8.9520, 63.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 13, 169) }
```

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

```
.background{ background-color: rgb(82, 13,  
169) }
```

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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