Converting Colors

YIQ(52.9610, 12.9310, -8.5810)

Have a look what the booklet for YIQ(52.9610, 12.9310, -8.5810) contains.

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Color

YIQ(52.9610, 12.9310, -8.5810)

Conversions

Conversions Part 1

Format	Color
Hex	3C3718
RGB	60, 55, 24
RGB Percent	24%, 22%, 9%
CMY	0.7647, 0.7843, 0.9058
CMYK	0.00, 0.08, 0.60, 0.76
HSL	52°, 43%, 16%
HSV	52°, 60%, 24%
XYZ	3.3945, 3.7588, 1.4118
YIQ	52.9610, 12.9310, -8.5810

Conversions

Conversions Part 2

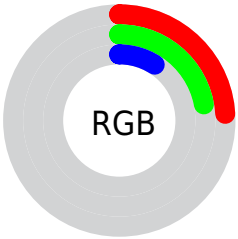
Format	Color
RYB	30, 60, 24
Decimal	3946264
CIELab	22.86, -2.83, 20.01
CIELCh	23, 20.209, 98.052
Yxy	3.7588, 0.3963, 0.4388
Android (android.graphics.Color)	4282136344 (0xFF3C3718)
YUV	52.9610, -14.2778, 6.1732
Hunter-Lab	19.3876, -2.6753, 9.2538

Details

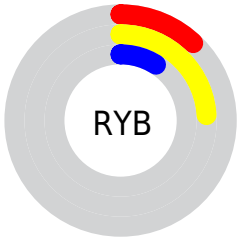
The YIQ color 52.9610, 12.9310, -8.5810 is a dark color, and the websafe version is hex 333300. A complement of this color would be 31.0390, -12.9310, 8.5810, and the grayscale version is 53.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 100.2170, 15.0860, -9.0900, and 9.7350, 2.0640, -4.3680 is the 20% darker color. If you saturate the color by 10%, you get 51.6900, 15.1320, -9.9240, and if you desaturate by 10%, it is 54.2320, 10.7300, -7.2380.

Distribution

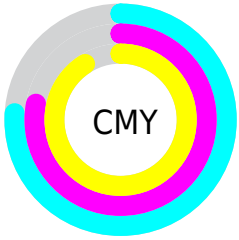


- Red (24%)
- Green (22%)
- Blue (9%)



- Red (12%)
- Yellow (24%)
- Blue (9%)

- Cyan (0%)
- Magenta (8%)
- Yellow (60%)
- Black (76%)



- Cyan (76%)
- Magenta (78%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.9610, 12.9310, -8.5810 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 52.9610, 12.9310, -8.5810 by changing the saturation by 10% instead.

52.9610, 12.9310, -8.5810

254.7720, 0.6420, -0.6220

100.2170, 15.0860, -9.0900

125.1030, 15.4070, -9.4010

150.7010, 16.5990, -8.9770

177.4730, 17.2410, -9.5990

205.3590, 17.5620, -9.9100

233.5440, 18.4790,

52.9610, 12.9310, -8.5810

31.6190, 13.8940, -9.5140

9.7350, 2.0640, -4.3680

0.0000, 0.0000, 0.0000

-10.0090

251.4660, 9.9510, -9.6410

52.9610, 12.9310, -8.5810

51.6900, 15.1320, -9.9240

50.4190, 17.3330, -11.2670

49.1480, 19.5340, -12.6100

48.4640, 21.4600, -14.4760

52.9610, 12.9310, -8.5810

54.2320, 10.7300, -7.2380

55.5030, 8.5290, -5.8950

56.7740, 6.3280, -4.5520

57.4580, 4.4020, -2.6860

58.7290, 2.2010, -1.3430

60.0000, -0.0000, -0.0000

61.2710, -2.2010, 1.3430

62.5420, -4.4020, 2.6860

63.8130, -6.6030, 4.0290

Harmonies

Analogous

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

54.2550, 21.0910, -2.2770

52.9610, 12.9310, -8.5810

51.2090, 0.3690, -12.1990

Triad

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

52.9610, 12.9310, -8.5810

44.7160, -40.4830, -9.7230

56.3750, 12.6060, 13.8380

Complementary

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

52.9610, 12.9310, -8.5810

31.0390, -12.9310, 8.5810

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.

55.8940, -2.1570, 11.5630

52.9610, 12.9310, -8.5810

44.2800, -41.9510, -5.1430

Square

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

52.9610, 12.9310, -8.5810

43.0060, -35.6680, -14.3880

53.2230, -19.4410, 5.4150

55.2850, 21.5470, 11.4910

Rectangle

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

52.9610, 12.9310, -8.5810

49.4080, -10.4970, -13.5130

53.2230, -19.4410, 5.4150

56.6240, 7.4710, 13.2870

Sweetspot

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

52.9610, 12.9310, -8.5810

76.2300, 5.0440, -3.3080

35.3340, 19.8510, 9.1870

39.3870, 3.1640, -2.2760

168.0000, -0.0000, -0.0000

41.0000, 0.0000, -0.0000

Same Dimension

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

52.9610, 12.9310, -8.5810

67.8060, 20.4970, -13.5430

52.0090, 3.8080, -13.9520

30.0710, 1.2380, -0.4100

75.6530, 33.7490, -22.4350

178.4950, 79.7870, -52.8290

Inverse Universe

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

31.0390, -12.9310, 8.5810

33.1940, -20.4970, 13.5430

31.9910, -3.8080, 13.9520

28.3420, -0.9630, 0.9330

18.3470, -33.7490, 22.4350

43.5050, -79.7870, 52.8290

Previews

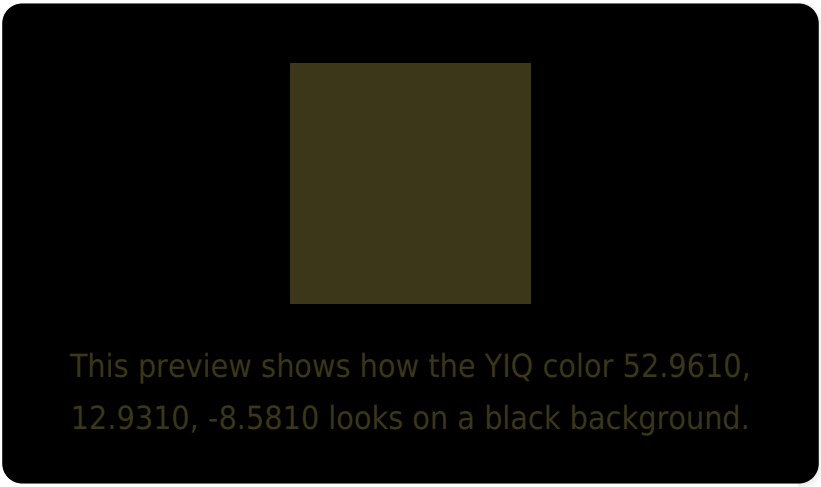
White Background

This preview shows how the YIQ color 52.9610, 12.9310, -8.5810 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

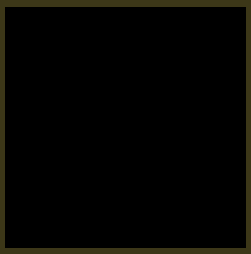


Color Contrast Check

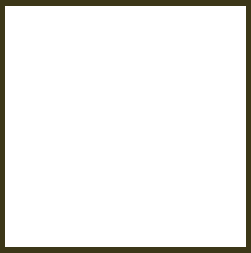
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

YIQ 52.9610, 12.9310, -8.5810 Background



This preview shows how black text looks on a background with the YIQ color 52.9610, 12.9310, -8.5810.



This preview shows how white text looks on a background with the YIQ color 52.9610, 12.9310,

-8.5810.

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
52.9610, 12.9310, -8.5810

Protanopia
53.2600, 13.5270, -8.3690

Deuteranopia
53.7060, 18.2030, -5.0050

Tritanopia
55.7450, 5.2720, 3.5760

Trichromacy

Original Color
52.9610, 12.9310, -8.5810

Protanomaly
53.2600, 13.5270, -8.3690

Deuteranomaly
53.3960, 16.1400, -6.1640

Tritanomaly
54.6650, 8.2530, -0.8910

Monochromacy

Original Color
52.9610, 12.9310, -8.5810

Achromatopsia
53.0000, -0.0000, -0.0000

Achromatomaly
53.2300, 5.0440, -3.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.9610, 12.9310, -8.5810 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(60, 55, 24) looks like.

```
.text, #text, p{
    color:rgb(60, 55, 24)
}
```

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(60, 55, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 55, 24) }
```

Border

The CSS property to change the border of an element to YIQ 52.9610, 12.9310, -8.5810 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(60, 55, 24) }
```

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

```
.border{ border-color:rgb(60, 55, 24) }
```

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

Here you see how a box with a 4 pixel rgb(60, 55, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(60, 55, 24); -webkit-box-shadow:4px 4px 4px 4px rgb(60, 55, 24); box-shadow:4px 4px 4px 4px rgb(60, 55, 24) }
```

Background

The CSS property to change the background color of an element to YIQ 52.9610, 12.9310, -8.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(60, 55, 24) }
```

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

```
.background{ background-color:rgb(60, 55,
24) }
```

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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