

Converting Colors

YIQ(59.4220, -23.4210,
-43.6210)

Have a look what the booklet for
YIQ(59.4220, -23.4210, -43.6210)
contains.

YIQ(59.4220, -23.4210, -43.6210)	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(59.4220, -23.4210,
-43.6210)**

Conversions

Conversions Part 1

Format	Color
Hex	0A5E0B
RGB	10, 94, 11
RGB Percent	4%, 37%, 4%
CMY	0.9610, 0.6312, 0.9569
CMYK	0.89, 0.00, 0.88, 0.63
HSL	121°, 81%, 20%
HSV	121°, 89%, 37%
XYZ	4.1906, 8.0999, 1.6590
YIQ	59.4220, -23.4210, -43.6210

Conversions

Conversions Part 2

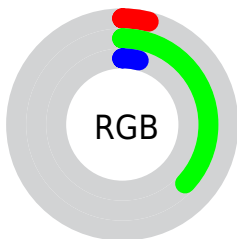
Format	Color
R_{YB}	10, 93, 94
Decimal	679435
CIE Lab	34.19, -39.70, 36.95
CIE LCh	34, 54.236, 137.052
Yxy	8.0999, 0.3004, 0.5807
Android (android.graphics.Color)	4278869515 (0xFF0A5E0B)
YUV	59.4220, -23.8720, -43.3431
Hunter-Lab	28.4603, -23.5229, 16.4662

Details

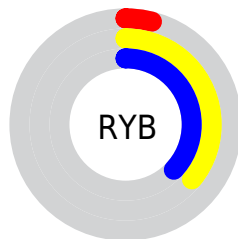
The YIQ color **59.4220, -23.4210, -43.6210** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **44.5780, 23.4210, 43.6210**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.0100, -16.2690, -41.0770**, and **27.5890, -12.9250, -24.5810** is the 20% darker color. If you saturate the color by 10%, you get **55.7050, -25.8960, -48.3280**, and if you desaturate by 10%, it is **63.1390, -20.9460, -38.9140**.

Distribution



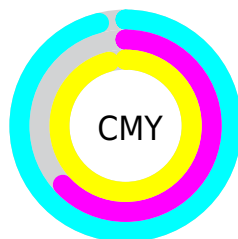
- Red (4%)
- Green (37%)
- Blue (4%)



- Red (4%)
- Yellow (36%)
- Blue (37%)



- Cyan (89%)
- Magenta (0%)
- Yellow (88%)
- Black (63%)



- Cyan (96%)
- Magenta (63%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.4220, -23.4210, -43.6210 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 59.4220, -23.4210, -43.6210 by changing the saturation by 10% instead.

■ 59.4220, -23.4210,
-43.6210

■ 59.4220, -23.4210,
-43.6210

■ 254.3160, 1.9260,
-1.8660

■ 41.0900, -19.2500,
-36.6100

■ 114.0100,
-16.2690, -41.0770

■ 27.5890, -12.9250,
-24.5810

■ 140.7820,
-15.6270, -41.6990

■ 13.5010, -6.3250,
-12.0290

■ 168.1410,
-15.2600, -42.8440

■ 0.0000, 0.0000,
0.0000

■ 195.9130,
-14.6180, -43.4660

■ 223.2120,
-14.0220, -43.2540

■ 234.6620, -6.0010,

-28.9210

■ 246.6390, 1.9740,
-13.7540

■ 59.4220, -23.4210,
-43.6210

■ 59.4220, -23.4210,
-43.6210

■ 55.7050, -25.8960,
-48.3280

■ 63.1390, -20.9460,
-38.9140

■ 55.2920, -26.1710,
-48.8510

■ 67.2690, -18.1960,
-33.6840

■ 70.9860, -15.7210,
-28.9770

■ 75.0020, -12.6500,
-24.0580

■ 78.7190, -10.1750,
-19.3510

■ 82.5500, -8.0210,
-14.3330

■ 86.5660, -4.9500,
-9.4140

■ 90.2830, -2.4750,
-4.7070

■ 94.4130, 0.2750,
0.5230

Harmonies

Analogous

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



73.2060, 21.6460, -28.8660



59.4220, -23.4210, -43.6210



64.3660, -46.2100, -32.5940

Triad

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



59.4220, -23.4210, -43.6210



72.2270, -77.9900, 3.7220



69.3930, 66.0620, 36.2540

Complementary

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



59.4220, -23.4210, -43.6210



44.5780, 23.4210, 43.6210

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.



73.6640, 46.6660, 46.3620



59.4220, -23.4210, -43.6210



68.0810, -65.4750, 13.7010

Square

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



59.4220, -23.4210, -43.6210



73.2410, -72.5780, -6.2580



82.3200, 6.4120, 37.9960



74.2190, 65.4710, 8.4070

Rectangle

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



59.4220, -23.4210, -43.6210



68.3730, -56.1150, -23.7870



82.3200, 6.4120, 37.9960



69.2280, 62.3930, 42.1770

Sweetspot

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



59.4220, -23.4210, -43.6210



108.4850, -9.3960, -16.9480



84.4240, 26.9640, -26.1240



53.1530, -5.2250, -9.9370



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



59.4220, -23.4210, -43.6210



71.8420, -34.1920, -63.1840



64.0960, -36.5820, -30.8700



43.9350, -1.3750, -2.6150



64.6840, -30.5710, -57.2190



139.4610, -66.1380, -123.0180

Inverse Universe

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



44.5780, 23.4210, 43.6210



50.2720, 33.8710, 63.4950



39.9040, 36.5820, 30.8700



43.0650, 1.3750, 2.6150



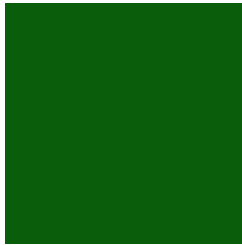
45.2020, 30.8920, 56.9080



97.5390, 66.1380, 123.0180

Previews

White Background



This preview shows how the YIQ color 59.4220, -23.4210, -43.6210 looks on a white background.

Color Contrast Check

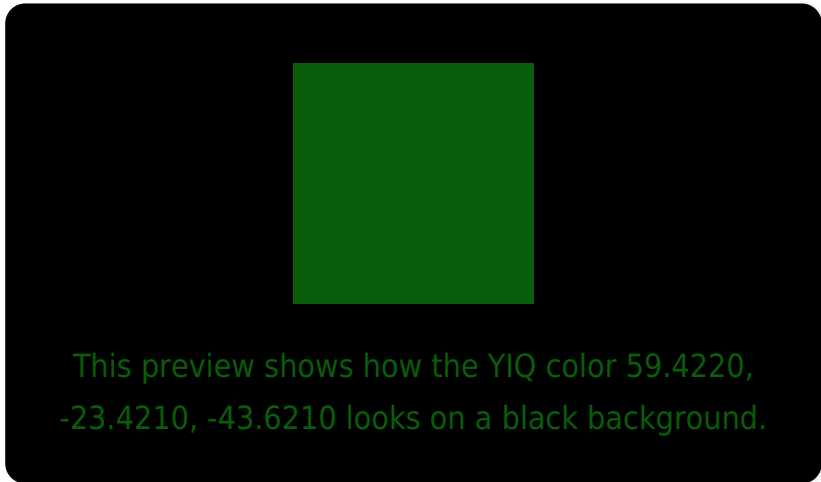
Large Text (above 18pt) WCAG AA ✓ Pass

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

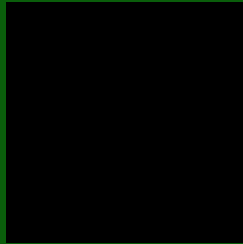
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.4220, -23.4210, -43.6210

Background



This preview shows how black text looks on a background with the YIQ color 59.4220, -23.4210, -43.6210.



This preview shows how white text looks on a background with the YIQ color 59.4220, -23.4210,

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

59.4220, -23.4210, -43.6210

Protanopia

75.4400, 30.0350, -21.2050

Deuteranopia

77.4330, 31.9130, -11.1830



Tritanopia

73.8590, -30.5800, -7.4760

Trichromacy



Original Color

59.4220, -23.4210, -43.6210

Protanomaly

69.9320, 10.7340, -29.3460

Deuteranomaly

71.2190, 11.6040, -23.0840

Tritanomaly

68.7970, -28.0100, -21.0180

Monochromacy



Original Color

59.4220, -23.4210, -43.6210

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.3110, -8.8460, -15.9020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.4220, -23.4210, -43.6210 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(10, 94, 11)` looks like.

```
.text, #text, p{  
    color:rgb(10, 94, 11)  
}
```

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(10, 94, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 94, 11) }
```

Border

The CSS property to change the border of an element to YIQ 59.4220, -23.4210, -43.6210 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(10, 94, 11) }
```


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

```
.border{ border-color:rgb(10, 94, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 94, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 94, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 94, 11);  
box-shadow:4px 4px 4px 4px rgb(10, 94, 11)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.4220, -23.4210, -43.6210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 94, 11) }
```

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

```
.background{ background-color: rgb(10, 94,  
11) }
```

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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