

Converting Colors

YIQ(138.6350, 23.8510,
-52.3170)

Have a look what the booklet for
YIQ(138.6350, 23.8510, -52.3170)
contains.

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Color

**YIQ(138.6350, 23.8510,
-52.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	81A617
RGB	129, 166, 23
RGB Percent	51%, 65%, 9%
CMY	0.4943, 0.3489, 0.9096
CMYK	0.22, 0.00, 0.86, 0.35
HSL	76°, 76%, 37%
HSV	76°, 86%, 65%
XYZ	22.8406, 32.0036, 5.7869
YIQ	138.6350, 23.8510, -52.3170

Conversions

Conversions Part 2

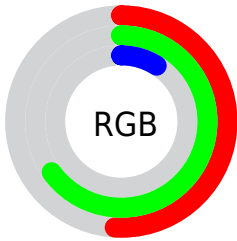
Format	Color
R_{YB}	23, 166, 60
Decimal	8496663
CIE _{Lab}	63.35, -31.15, 61.61
CIE _{LCh}	63, 69.036, 116.823
Yxy	32.0036, 0.3767, 0.5278
Android (android.graphics.Color)	4286686743 (0xFF81A617)
YUV	138.6350, -57.0081, -8.4499
Hunter-Lab	56.5717, -26.9320, 33.5353

Details

The YIQ color **138.6350, 23.8510, -52.3170** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **50.3650, -23.8510, 52.3170**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **194.6180, 22.5210, -50.2390**, and **89.0440, 12.7540, -43.9340** is the 20% darker color. If you saturate the color by 10%, you get **135.5010, 26.9240, -58.4520**, and if you desaturate by 10%, it is **141.7690, 20.7780, -46.1820**.

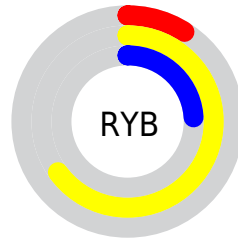
Distribution



Red (51%)

Green (65%)

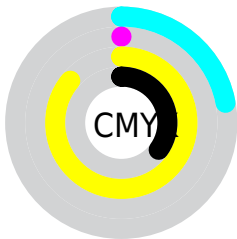
Blue (9%)



Red (9%)

Yellow (65%)

Blue (24%)

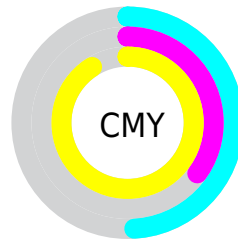


Cyan (22%)

Magenta (0%)

Yellow (86%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.6350, 23.8510, -52.3170 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 138.6350, 23.8510, -52.3170 by changing the saturation by 10% instead.

■ 138.6350, 23.8510,
-52.3170

■ 138.6350, 23.8510,
-52.3170

■ 255.0000, -0.0000,
-0.0000

■ 112.3790, 21.6960,
-51.8080

■ 194.6180, 22.5210,
-50.2390

■ 89.0440, 12.7540,
-43.9340

■ 223.3900, 23.1630,
-50.8610

■ 66.5950, 4.1330,
-36.3710

■ 238.4870, 30.6800,
-38.4080

■ 43.2380, -7.7430,
-30.3910

■ 244.8540, 28.5690,
-27.6790

■ 25.2410, -11.8250,
-22.4890

■ 248.1600, 19.2600,
-18.6600

■ 11.7400, -5.5000,
-10.4600

■ 251.4660, 9.9510,

■ 0.0000, 0.0000,

-9.6410

0.0000

254.7720, 0.6420,
-0.6220

■ 138.6350, 23.8510,
-52.3170

■ 138.6350, 23.8510,
-52.3170

■ 135.5010, 26.9240,
-58.4520

■ 141.7690, 20.7780,
-46.1820

■ 134.2190, 27.6580,
-60.7420

■ 145.0880, 18.6220,
-40.1460

■ 148.2220, 15.5490,
-34.0110

■ 151.2420, 12.7970,
-28.1870

■ 154.3760, 9.7240,
-22.0520

■ 157.8090, 7.2470,
-15.7050

■ 160.8290, 4.4950,
-9.8810

■ 163.9630, 1.4220,
-3.7460

■ 167.2820, -0.7340,
2.2900

Harmonies

Analogous

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



143.3870, 71.9440, -37.3360



138.6350, 23.8510, -52.3170



119.2380, -61.6100, -61.8820

Triad

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



138.6350, 23.8510, -52.3170



132.3820, -130.2550, -12.7430



148.2440, 74.6320, 57.1600

Complementary

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



138.6350, 23.8510, -52.3170



50.3650, -23.8510, 52.3170

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.



156.5440, 29.9290, 57.8410



138.6350, 23.8510, -52.3170



124.7510, -126.6800, -5.9440

Square

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



138.6350, 23.8510, -52.3170



129.8450, -116.2220, -30.2860



152.8110, -37.5110, 35.5530



145.3990, 92.2880, 34.5280

Rectangle

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



138.6350, 23.8510, -52.3170



119.6820, -88.9830, -55.8870



152.8110, -37.5110, 35.5530



151.3770, 64.1320, 60.2280

Sweetspot

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



138.6350, 23.8510, -52.3170



206.0170, 9.3570, -20.9070



86.8890, 75.3280, 11.4880



103.4330, 5.5500, -12.4820



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.



138.6350, 23.8510, -52.3170



175.5180, 36.2810, -79.3590



117.7050, -17.8690, -67.1570



82.4900, 1.3760, -2.9120



119.7660, 24.8600, -54.0840



16.2250, 3.4400, -7.2800

Inverse Universe

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



50.3650, -23.8510, 52.3170



41.4820, -36.2810, 79.3590



71.2950, 17.8690, 67.1570



77.5100, -1.3760, 2.9120



28.2340, -24.8600, 54.0840



3.7750, -3.4400, 7.2800

Previews

White Background



This preview shows how the YIQ color 138.6350, 23.8510, -52.3170 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 138.6350, 23.8510, -52.3170 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 138.6350, 23.8510, -52.3170

Background



This preview shows how black text looks on a background with the YIQ color 138.6350, 23.8510, -52.3170.



This preview shows how white text looks on a background with the YIQ color 138.6350, 23.8510,

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

138.6350, 23.8510, -52.3170

Protanopia

143.4050, 54.3380, -37.6460

Deuteranopia

146.7410, 62.6800, -23.6240



Tritanopia

152.1930, -10.7290, 1.7110

Trichromacy



Original Color

138.6350, 23.8510, -52.3170

Protanomaly

141.6700, 43.1060, -43.3420

Deuteranomaly

143.9900, 48.3770, -34.2390

Tritanomaly

147.1180, 1.8830, -17.6130

Monochromacy



Original Color

138.6350, 23.8510, -52.3170

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.8860, 8.3480, -19.1400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.6350, 23.8510, -52.3170 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(129, 166, 23)` looks like.

```
.text, #text, p{  
    color:rgb(129, 166, 23)  
}
```

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(129, 166, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 166, 23) }
```

Border

The CSS property to change the border of an element to YIQ 138.6350, 23.8510, -52.3170 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(129, 166, 23) }
```


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

```
.border{ border-color:rgb(129, 166, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 166, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 166, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 166, 23);  
box-shadow:4px 4px 4px 4px rgb(129, 166,  
23) }
```

Background

The CSS property to change the background color of an element to YIQ 138.6350, 23.8510, -52.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 166, 23) }
```

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

```
.background{ background-color: rgb(129,  
166, 23) }
```

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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