

Converting Colors

YIQ(153.5150, 59.8400,
-38.2400)

Have a look what the booklet for
YIQ(153.5150, 59.8400, -38.2400)
contains.

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Color

**YIQ(153.5150, 59.8400,
-38.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA216
RGB	187, 162, 22
RGB Percent	73%, 64%, 9%
CMY	0.2667, 0.3647, 0.9133
CMYK	0.00, 0.13, 0.88, 0.27
HSL	51°, 79%, 41%
HSV	51°, 88%, 73%
XYZ	33.5559, 36.4590, 6.0322
YIQ	153.5150, 59.8400, -38.2400

Conversions

Conversions Part 2

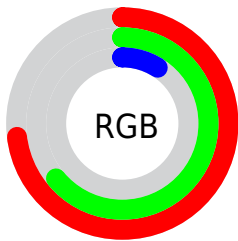
Format	Color
RYB	51, 187, 22
Decimal	12296726
CIELab	66.87, -3.81, 66.63
CIELCh	67, 66.743, 93.273
Yxy	36.4590, 0.4413, 0.4794
Android (android.graphics.Color)	4290486806 (0xFFBBA216)
YUV	153.5150, -64.8369, 29.3663
Hunter-Lab	60.3813, -6.4689, 36.3437

Details

The YIQ color **153.5150, 59.8400, -38.2400** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **55.4850, -59.8400, 38.2400**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.2210, 60.8480, -34.4800**, and **103.7280, 46.3590, -30.7050** is the 20% darker color. If you saturate the color by 10%, you get **149.5880, 66.7640, -42.5800**, and if you desaturate by 10%, it is **157.4420, 52.9160, -33.9000**.

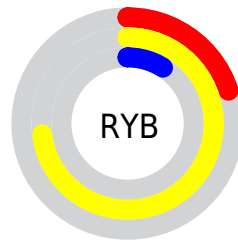
Distribution



Red (73%)

Green (64%)

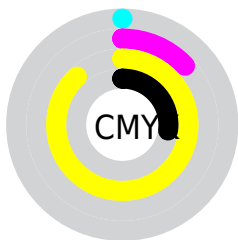
Blue (9%)



Red (20%)

Yellow (73%)

Blue (9%)

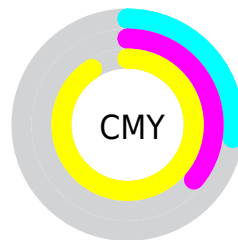


Cyan (0%)

Magenta (13%)

Yellow (88%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.5150, 59.8400, -38.2400 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 153.5150, 59.8400, -38.2400 by changing the saturation by 10% instead.

■ 153.5150, 59.8400,
-38.2400

■ 153.5150, 59.8400,
-38.2400

■ 255.0000, -0.0000,
-0.0000

■ 127.0740, 56.7680,
-37.6320

■ 210.2210, 60.8480,
-34.4800

■ 103.7280, 46.3590,
-30.7050

■ 232.8280, 48.6530,
-39.2430

■ 81.5670, 36.8670,
-23.8770

■ 241.7760, 37.2360,
-36.0760

■ 59.6940, 26.5040,
-17.7840

■ 244.9680, 28.2480,
-27.3680

■ 39.0060, 17.0580,
-11.7900

■ 248.2740, 18.9390,
-18.3490

■ 19.7910, 7.6580,
-6.6300

■ 251.5800, 9.6300,

■ 0.0000, 0.0000,

-9.3300

0.0000

254.8860, 0.3210,
-0.3110

■ 153.5150, 59.8400,
-38.2400

■ 153.5150, 59.8400,
-38.2400

■ 149.5880, 66.7640,
-42.5800

■ 157.4420, 52.9160,
-33.9000

■ 149.2460, 67.7270,
-43.5130

■ 161.2550, 46.3130,
-29.8710

■ 164.5950, 39.6640,
-25.0080

■ 168.5220, 32.7400,
-20.6680

■ 172.4490, 25.8160,
-16.3280

■ 176.2620, 19.2130,
-12.2990

■ 180.1890, 12.2890,
-7.9590

■ 184.1160, 5.3650,
-3.6190

■ 187.9290, -1.2380,
0.4100

Harmonies

Analogous

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



157.6720, 85.4640, -7.0160



153.5150, 59.8400, -38.2400



147.7890, 8.8580, -50.4220

Triad

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



153.5150, 59.8400, -38.2400



137.4080, -125.1170, -28.7730



165.8780, 40.6120, 56.9640

Complementary

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



153.5150, 59.8400, -38.2400



55.4850, -59.8400, 38.2400

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.



165.0260, -18.9430, 40.4570



153.5150, 59.8400, -38.2400



136.4910, -132.1800, -16.4040

Square

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



153.5150, 59.8400, -38.2400



131.2690, -106.4530, -47.6450



127.6860, -128.0550, -8.5590



155.4190, 72.3410, 49.1170

Rectangle

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



153.5150, 59.8400, -38.2400



138.5460, -38.8700, -55.4940



127.6860, -128.0550, -8.5590



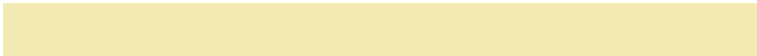
167.1300, 22.2270, 54.2510

Sweetspot

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



153.5150, 59.8400, -38.2400



229.5350, 22.6980, -14.8860



74.5270, 89.3520, 43.6880



114.7330, 13.5730, -9.2030



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



153.5150, 59.8400, -38.2400



193.2800, 87.5820, -56.4340



151.7450, 20.1850, -62.9750



92.3870, 3.1640, -2.2760



125.9000, 57.3180, -36.5860



24.5310, 11.3260, -7.0260

Inverse Universe

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



55.4850, -59.8400, 38.2400



49.3070, -87.8570, 55.9110



57.2550, -20.1850, 62.9750



86.6130, -3.1640, 2.2760



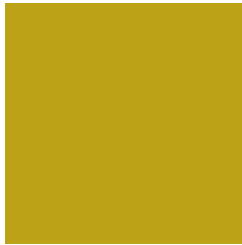
32.1000, -57.3180, 36.5860



6.4690, -11.3260, 7.0260

Previews

White Background



This preview shows how the YIQ color 153.5150, 59.8400, -38.2400 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 153.5150, 59.8400, -38.2400 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 153.5150, 59.8400, -38.2400

Background



This preview shows how black text looks on a background with the YIQ color 153.5150, 59.8400, -38.2400.



This preview shows how white text looks on a background with the YIQ color 153.5150, 59.8400, -38.2400.

-38.2400.

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

153.5150, 59.8400, -38.2400

Protanopia

153.2050, 57.7770, -39.3990

Deuteranopia

154.8850, 70.8420, -28.3740



Tritanopia

165.7090, 23.2890, 12.9610

Trichromacy



Original Color

153.5150, 59.8400, -38.2400

Protanomaly

153.5040, 58.3730, -39.1870

Deuteranomaly

154.3250, 66.4870, -32.0490

Tritanomaly

161.3460, 36.7720, -5.6280

Monochromacy



Original Color

153.5150, 59.8400, -38.2400

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.8770, 21.7350, -13.9530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.5150, 59.8400, -38.2400 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(187, 162, 22)` looks like.

```
.text, #text, p{  
    color:rgb(187, 162, 22)  
}
```

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(187, 162, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 162, 22) }
```

Border

The CSS property to change the border of an element to YIQ 153.5150, 59.8400, -38.2400 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(187, 162, 22) }
```


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

```
.border{ border-color:rgb(187, 162, 22) }
```

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

Here you see how a box with a 4 pixel rgb(187, 162, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 162, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 162, 22);  
box-shadow:4px 4px 4px 4px rgb(187, 162,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 153.5150, 59.8400, -38.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 162, 22) }
```

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

```
.background{ background-color: rgb(187,  
162, 22) }
```

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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