

Converting Colors

YIQ(153.1220, 39.6180,
-24.1740)

Have a look what the booklet for
YIQ(153.1220, 39.6180, -24.1740)
contains.

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Color

**YIQ(153.1220, 39.6180,
-24.1740)**

Conversions

Conversions Part 1

Format	Color
Hex	B09E44
RGB	176, 158, 68
RGB Percent	69%, 62%, 27%
CMY	0.3098, 0.3804, 0.7331
CMYK	0.00, 0.10, 0.61, 0.31
HSL	50°, 44%, 48%
HSV	50°, 61%, 69%
XYZ	31.1744, 34.0988, 10.4168
YIQ	153.1220, 39.6180, -24.1740

Conversions

Conversions Part 2

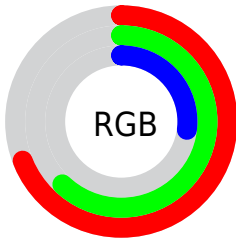
Format	Color
RYB	90, 176, 68
Decimal	11574852
CIELab	65.04, -4.50, 48.25
CIELCh	65, 48.463, 95.324
Yxy	34.0988, 0.4119, 0.4505
Android (android.graphics.Color)	4289764932 (0xFFB09E44)
YUV	153.1220, -41.9651, 20.0640
Hunter-Lab	58.3942, -6.8956, 30.2994

Details

The YIQ color **153.1220, 39.6180, -24.1740** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **90.8780, -39.6180, 24.1740**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.0900, 42.6440, -23.9480**, and **100.4700, 38.5180, -26.2660** is the 20% darker color. If you saturate the color by 10%, you get **149.3090, 46.2210, -28.2030**, and if you desaturate by 10%, it is **156.9350, 33.0150, -20.1450**.

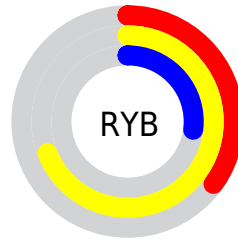
Distribution



Red (69%)

Green (62%)

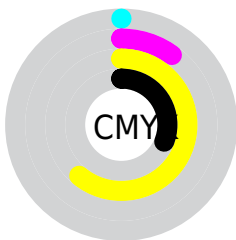
Blue (27%)



Red (35%)

Yellow (69%)

Blue (27%)

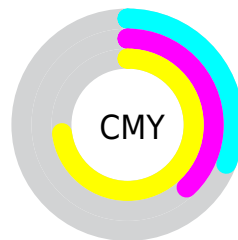


Cyan (0%)

Magenta (10%)

Yellow (61%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.1220, 39.6180, -24.1740 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 153.1220, 39.6180, -24.1740 by changing the saturation by 10% instead.

■ 153.1220, 39.6180,
-24.1740

■ 153.1220, 39.6180,
-24.1740

■ 255.0000, -0.0000,
-0.0000

■ 126.5240, 38.4260,
-24.5980

■ 208.0900, 42.6440,
-23.9480

■ 100.5840, 38.1970,
-25.9550

■ 234.3560, 38.8390,
-26.5770

■ 76.8270, 33.1990,
-23.4810

■ 245.7660, 26.0010,
-25.1910

■ 55.5520, 24.0280,
-16.9640

■ 248.9580, 17.0130,
-16.4830

■ 35.7500, 14.9030,
-11.2810

■ 252.1500, 8.0250,
-7.7750

■ 15.9370, 4.3110,
-6.5450

■ 0.0000, 0.0000,

0.0000

■ 153.1220, 39.6180,
-24.1740

■ 153.1220, 39.6180,
-24.1740

■ 149.3090, 46.2210,
-28.2030

■ 156.9350, 33.0150,
-20.1450

■ 145.6100, 52.5030,
-31.9210

■ 160.6340, 26.7330,
-16.4270

■ 141.7970, 59.1060,
-35.9500

■ 164.4470, 20.1300,
-12.3980

■ 138.9130, 64.4710,
-39.5690

■ 168.1460, 13.8480,
-8.6800

■ 171.9590, 7.2450,
-4.6510

■ 175.7720, 0.6420,
-0.6220

■ 179.4710, -5.6400,
3.0960

■ 182.6970,
-11.9680, 7.6480

■ 186.3960,
-18.2500, 11.3660

Harmonies

Analogous

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



156.3350, 61.6680, -5.2760



153.1220, 39.6180, -24.1740



148.2360, 3.7660, -35.2260

Triad

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



153.1220, 39.6180, -24.1740



128.0840, -115.3970, -28.7170



162.5480, 32.1330, 39.9170

Complementary

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



153.1220, 39.6180, -24.1740



90.8780, -39.6180, 24.1740

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.



161.1760, -10.9180, 32.6820



153.1220, 39.6180, -24.1740



127.8680, -123.0560, -16.5600

Square

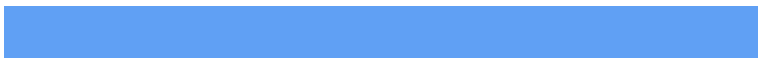
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



153.1220, 39.6180, -24.1740



124.3560, -102.1440, -43.1360



150.4400, -65.1080, 12.5560



159.5170, 59.7810, 34.4450

Rectangle

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



153.1220, 39.6180, -24.1740



142.7300, -27.0440, -38.5320



150.4400, -65.1080, 12.5560



162.4910, 19.1120, 39.1120

Sweetspot

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



153.1220, 39.6180, -24.1740



221.1030, 15.4070, -9.4010



102.5720, 57.9480, 29.1160



109.8020, 9.1250, -5.6830



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



153.1220, 39.6180, -24.1740



193.5970, 62.5450, -37.7030



153.5220, 14.4040, -40.7960



87.3870, 3.1640, -2.2760



120.2960, 56.2630, -33.9850



20.1010, 9.7210, -5.4710

Inverse Universe

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



90.8780, -39.6180, 24.1740



95.8160, -62.2700, 38.2260



90.4780, -14.4040, 40.7960



82.2000, -3.4390, 1.7530



32.7040, -56.2630, 33.9850



5.3120, -9.4460, 5.9940

Previews

White Background



This preview shows how the YIQ color 153.1220, 39.6180, -24.1740 looks on a white background.

Color Contrast Check

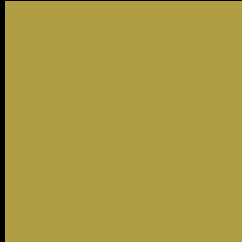
Large Text (above 18pt) WCAG AA × Fail

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 153.1220, 39.6180, -24.1740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

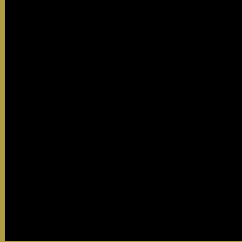
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.1220, 39.6180, -24.1740

Background



This preview shows how black text looks on a background with the YIQ color 153.1220, 39.6180, -24.1740.



This preview shows how white text looks on a background with the YIQ color 153.1220, 39.6180,

-24.1740.

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

153.1220, 39.6180, -24.1740

Protanopia

153.1220, 39.6180, -24.1740

Deuteranopia

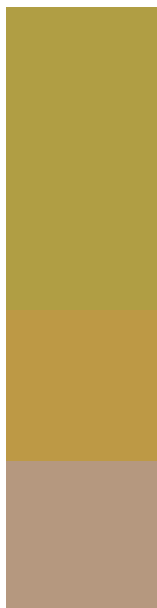
154.6340, 53.0960, -15.1280



Tritanopia

160.1320, 17.6040, 11.3640

Trichromacy



Original Color

153.1220, 39.6180, -24.1740

Protanomaly

153.1220, 39.6180, -24.1740

Deuteranomaly

154.1880, 48.4200, -18.4920

Tritanomaly

157.8210, 25.3090, -1.6270

Monochromacy



Original Color

153.1220, 39.6180, -24.1740

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.0320, 14.1690, -8.9910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.1220, 39.6180, -24.1740 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(176, 158, 68)` looks like.

```
.text, #text, p{  
    color:rgb(176, 158, 68)  
}
```

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(176, 158, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 158, 68) }
```

Border

The CSS property to change the border of an element to YIQ 153.1220, 39.6180, -24.1740 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(176, 158, 68) }
```


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

```
.border{ border-color:rgb(176, 158, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 158, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 158, 68); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 158, 68); box-shadow:4px 4px 4px 4px rgb(176, 158, 68) }
```

Background

The CSS property to change the background color of an element to YIQ 153.1220, 39.6180, -24.1740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 158, 68) }
```

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

```
.background{ background-color: rgb(176,  
158, 68) }
```

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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