

Converting Colors

YIQ(52.6390, 1.9740, -13.7540)

Have a look what the booklet for
YIQ(52.6390, 1.9740, -13.7540)
contains.

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Color

**YIQ(52.6390, 1.9740,
-13.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3D1B
RGB	46, 61, 27
RGB Percent	18%, 24%, 11%
CMY	0.8197, 0.7608, 0.8941
CMYK	0.25, 0.00, 0.56, 0.76
HSL	87°, 39%, 17%
HSV	87°, 56%, 24%
XYZ	2.9931, 3.9978, 1.6513
YIQ	52.6390, 1.9740, -13.7540

Conversions

Conversions Part 2

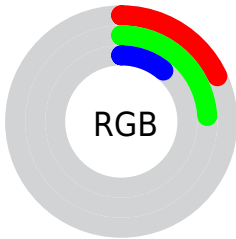
Format	Color
RYB	27, 61, 42
Decimal	3030299
CIELab	23.66, -13.07, 18.88
CIELCh	24, 22.965, 124.700
Yxy	3.9978, 0.3463, 0.4626
Android (android.graphics.Color)	4281220379 (0xFF2E3D1B)
YUV	52.6390, -12.6400, -5.8224
Hunter-Lab	19.9946, -8.2701, 9.0995

Details

The YIQ color **52.6390, 1.9740, -13.7540** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **35.3610, -1.9740, 13.7540**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **99.2970, 2.9370, -14.6870**, and **11.7400, -5.5000, -10.4600** is the 20% darker color. If you saturate the color by 10%, you get **51.0580, 2.1120, -16.2560**, and if you desaturate by 10%, it is **54.2200, 1.8360, -11.2520**.

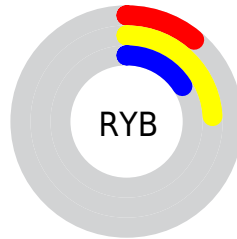
Distribution



Red (18%)

Green (24%)

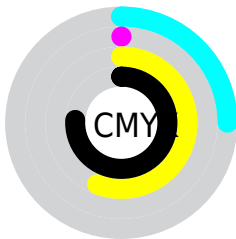
Blue (11%)



Red (11%)

Yellow (24%)

Blue (16%)

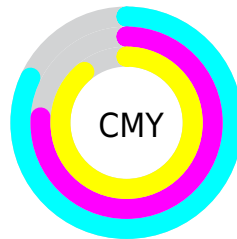


Cyan (25%)

Magenta (0%)

Yellow (56%)

Black (76%)



Cyan (82%)

Magenta (76%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.6390, 1.9740, -13.7540 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 52.6390, 1.9740, -13.7540 by changing the saturation by 10% instead.

■ 52.6390, 1.9740,
-13.7540

■ 52.6390, 1.9740,
-13.7540

■ 255.0000, -0.0000,
-0.0000

■ 30.5960, 3.5330,
-14.4750

■ 99.2970, 2.9370,
-14.6870

■ 11.7400, -5.5000,
-10.4600

■ 124.7700, 2.9830,
-15.5210

■ 0.0000, 0.0000,
0.0000

■ 150.6560, 3.3040,
-15.8320

■ 177.2430, 3.0290,
-16.3550

■ 205.1290, 3.3500,
-16.6660

■ 233.0150, 3.6710,

-16.9770

■ 251.9220, 8.6670,
-8.3970

■ 52.6390, 1.9740,
-13.7540

■ 52.6390, 1.9740,
-13.7540

■ 51.0580, 2.1120,
-16.2560

■ 54.2200, 1.8360,
-11.2520

■ 49.7760, 2.8460,
-18.5460

■ 55.5020, 1.1020,
-8.9620

■ 48.1950, 2.9840,
-21.0480

■ 57.0830, 0.9640,
-6.4600

■ 46.6140, 3.1220,
-23.5500

■ 58.6640, 0.8260,
-3.9580

■ 45.9730, 3.4890,
-24.6950

■ 60.0600, -0.2290,
-1.3570

■ 61.6410, -0.3670,
1.1450

■ 63.2220, -0.5050,
3.6470

■ 64.8030, -0.6430,
6.1490

■ 66.0850, -1.3770,
8.4390

Harmonies

Analogous

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



54.4020, 16.0030, -9.1890



52.6390, 1.9740, -13.7540



49.1190, -17.0530, -15.8450

Triad

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



52.6390, 1.9740, -13.7540



46.3120, -44.9770, -5.3690



57.1220, 23.5640, 13.4840

Complementary

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



52.6390, 1.9740, -13.7540



35.3610, -1.9740, 13.7540

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.



58.4290, 12.5140, 15.5060



52.6390, 1.9740, -13.7540



53.4010, -25.8140, 5.2740

Square

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



52.6390, 1.9740, -13.7540



46.7050, -41.9500, -10.6700



57.8660, -4.9540, 12.6940



56.1730, 27.5540, 7.2500

Rectangle

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



52.6390, 1.9740, -13.7540



44.1970, -34.8880, -17.5120



57.8660, -4.9540, 12.6940



57.5070, 21.0420, 15.1380

Sweetspot

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



52.6390, 1.9740, -13.7540



75.7240, 0.5970, -5.3150



45.9710, 16.1390, -0.6370



38.8920, 0.1840, -3.3360



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.



52.6390, 1.9740, -13.7540



66.0810, 3.3050, -21.3590



47.5560, -8.1580, -17.3580



30.0600, -0.2290, -1.3570



71.0250, 5.7380, -37.9260



167.3900, 12.8540, -89.8180

Inverse Universe

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



35.3610, -1.9740, 13.7540



38.9190, -3.3050, 21.3590



40.4440, 8.1580, 17.3580



28.6410, -0.3670, 1.1450



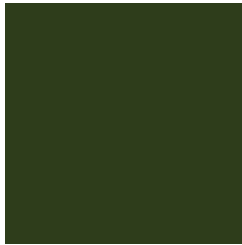
23.2740, -5.1420, 38.1380



54.6100, -12.8540, 89.8180

Previews

White Background



This preview shows how the YIQ color 52.6390, 1.9740, -13.7540 looks on a white background.

Color Contrast Check

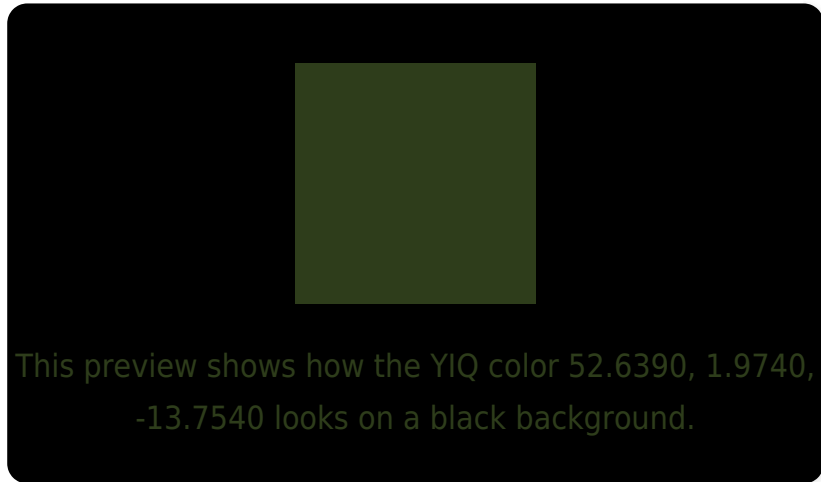
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.6390, 1.9740, -13.7540

Background



This preview shows how black text looks on a background with the YIQ color 52.6390, 1.9740, -13.7540.



This preview shows how white text looks on a background with the YIQ color 52.6390, 1.9740,

-13.7540.

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

52.6390, 1.9740, -13.7540

Protanopia

54.3740, 13.2060, -8.0580

Deuteranopia

55.6350, 16.9650, -4.5950



Tritanopia

55.7760, -5.1810, 0.2830

Trichromacy



Original Color

52.6390, 1.9740, -13.7540

Protanomaly

53.7540, 9.0800, -10.3760

Deuteranomaly

54.8900, 11.6930, -8.1710

Tritanomaly

54.2830, -2.4750, -4.7070

Monochromacy



Original Color

52.6390, 1.9740, -13.7540

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.8380, 0.2760, -5.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.6390, 1.9740, -13.7540 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(46, 61, 27)` looks like.

```
.text, #text, p{  
    color:rgb(46, 61, 27)  
}
```

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(46, 61, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 61, 27) }
```

Border

The CSS property to change the border of an element to YIQ 52.6390, 1.9740, -13.7540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

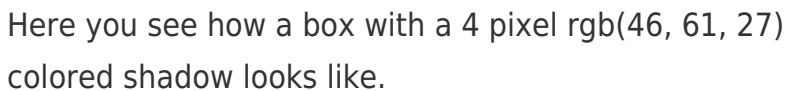
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(46, 61, 27) }
```


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

```
.border{ border-color:rgb(46, 61, 27) }
```

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



Here you see how a box with a 4 pixel `rgb(46, 61, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 61, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 61, 27);  
box-shadow:4px 4px 4px 4px rgb(46, 61, 27)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.6390, 1.9740, -13.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 61, 27) }
```

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

```
.background{ background-color: rgb(46, 61,  
27) }
```

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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