

Converting Colors

YIQ(49.5280, 15.4080, -14.9280)

Have a look what the booklet for
YIQ(49.5280, 15.4080, -14.9280)
contains.

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Color

**YIQ(49.5280, 15.4080,
-14.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	373707
RGB	55, 55, 7
RGB Percent	22%, 22%, 3%
CMY	0.7843, 0.7843, 0.9724
CMYK	0.00, 0.00, 0.87, 0.78
HSL	60°, 77%, 12%
HSV	60°, 87%, 22%
XYZ	2.9798, 3.5598, 0.7318
YIQ	49.5280, 15.4080, -14.9280

Conversions

Conversions Part 2

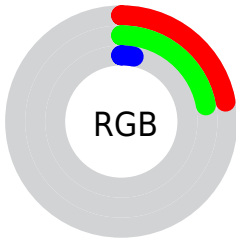
Format	Color
R_YB	7, 55, 7
Decimal	3618567
CIE Lab	22.16, -6.82, 27.74
CIE LCh	22, 28.564, 103.813
Yxy	3.5598, 0.4098, 0.4896
Android (android.graphics.Color)	4281808647 (0xFF373707)
YUV	49.5280, -20.9663, 4.7989
Hunter-Lab	18.8674, -4.8266, 10.9075

Details

The YIQ color **49.5280, 15.4080, -14.9280** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12.4720, -15.4080, 14.9280**, and the grayscale version is **50.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **97.0120, 16.9210, -14.8150**, and **7.6310, -3.5750, -6.7990** is the 20% darker color. If you saturate the color by 10%, you get **48.9580, 17.0130, -16.4830**, and if you desaturate by 10%, it is **50.2120, 13.4820, -13.0620**.

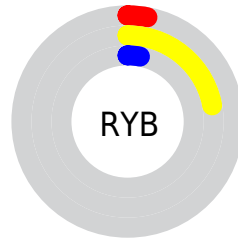
Distribution



Red (22%)

Green (22%)

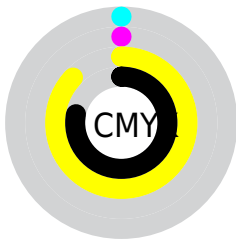
Blue (3%)



Red (3%)

Yellow (22%)

Blue (3%)

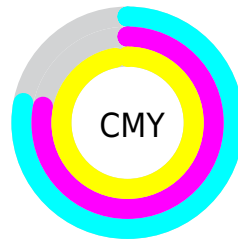


Cyan (0%)

Magenta (0%)

Yellow (87%)

Black (78%)



Cyan (78%)

Magenta (78%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 49.5280, 15.4080, -14.9280 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 49.5280, 15.4080, -14.9280 by changing the saturation by 10% instead.

■ 49.5280, 15.4080,
-14.9280

■ 49.5280, 15.4080,
-14.9280

■ 252.7200, 6.4200,
-6.2200

■ 29.8250, 10.3180,
-10.7860

■ 97.0120, 16.9210,
-14.8150

■ 7.6310, -3.5750,
-6.7990

■ 122.0830, 18.1590,
-15.2250

■ 0.0000, 0.0000,
0.0000

■ 147.3820, 18.7550,
-15.0130

■ 174.1540, 19.3970,
-15.6350

■ 201.9260, 20.0390,
-16.2570

■ 230.1110, 20.9560,

-16.3560

■ 249.5280, 15.4080,
-14.9280

■ 49.5280, 15.4080,
-14.9280

■ 49.5280, 15.4080,
-14.9280

■ 48.9580, 17.0130,
-16.4830

■ 50.2120, 13.4820,
-13.0620

■ 48.7300, 17.6550,
-17.1050

■ 50.7820, 11.8770,
-11.5070

■ 51.4660, 9.9510,
-9.6410

■ 52.0360, 8.3460,
-8.0860

■ 52.7200, 6.4200,
-6.2200

■ 53.2900, 4.8150,
-4.6650

■ 53.9740, 2.8890,
-2.7990

■ 54.5440, 1.2840,
-1.2440

■ 55.2280, -0.6420,
0.6220

Harmonies

Analogous

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



51.3280, 28.0150, -6.6170



49.5280, 15.4080, -14.9280



46.8830, -4.7650, -18.2770

Triad

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



49.5280, 15.4080, -14.9280



45.7420, -43.3720, -6.9240



53.6690, 20.7660, 20.1420

Complementary

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



49.5280, 15.4080, -14.9280



12.4720, -15.4080, 14.9280

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.



54.8500, 1.1430, 17.8390



49.5280, 15.4080, -14.9280



45.3490, -46.3990, -1.6230

Square

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



49.5280, 15.4080, -14.9280



44.0490, -37.2270, -13.6670



50.5090, -25.9980, 8.6100



52.4820, 31.3580, 15.4060

Rectangle

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



49.5280, 15.4080, -14.9280



41.0530, -25.8550, -21.5270



50.5090, -25.9980, 8.6100



54.1460, 14.9890, 20.2130

Sweetspot

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



49.5280, 15.4080, -14.9280



68.9480, 5.7780, -5.5980



21.3520, 28.6080, 10.1760



34.7460, 3.5310, -3.4210



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



49.5280, 15.4080, -14.9280



62.9060, 22.7910, -22.0810



42.3520, 1.1040, -20.0160



27.6580, 0.9630, -0.9330



81.5120, 29.5320, -28.6120



194.0340, 70.2990, -68.1090

Inverse Universe

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



12.4720, -15.4080, 14.9280



8.0940, -22.7910, 22.0810



19.6480, -1.1040, 20.0160



25.3420, -0.9630, 0.9330



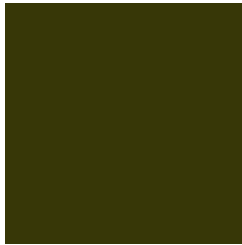
10.4880, -29.5320, 28.6120



24.9660, -70.2990, 68.1090

Previews

White Background



This preview shows how the YIQ color 49.5280, 15.4080, -14.9280 looks on a white background.

Color Contrast Check

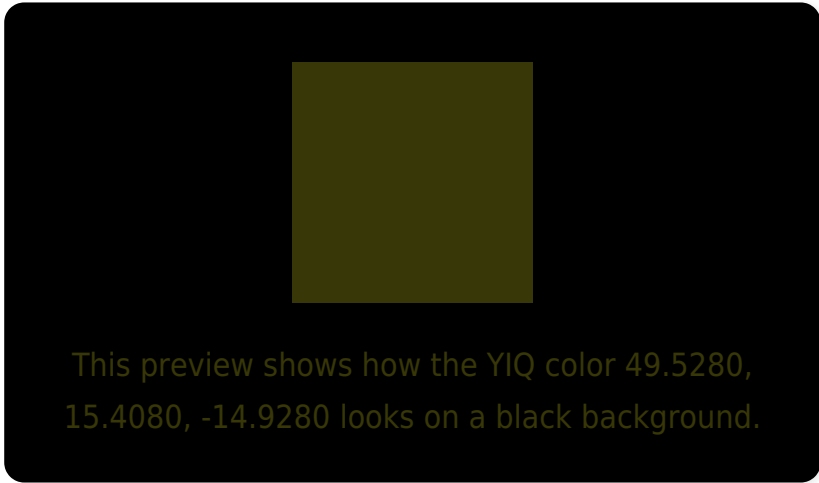
Large Text (above 18pt) WCAG AA ✓ Pass

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

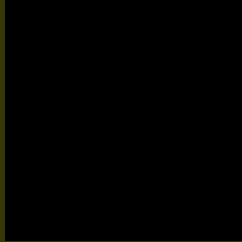
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

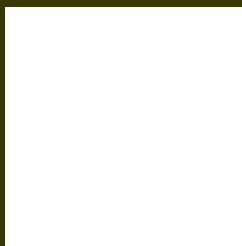
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 49.5280, 15.4080, -14.9280

Background



This preview shows how black text looks on a background with the YIQ color 49.5280, 15.4080, -14.9280.



This preview shows how white text looks on a background with the YIQ color 49.5280, 15.4080, -14.9280.

-14.9280.

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

49.5280, 15.4080, -14.9280

Protanopia

49.7350, 19.2590, -13.1330

Deuteranopia

50.6370, 22.6510, -8.5250



Tritanopia

53.8480, 3.4840, 2.9400

Trichromacy



Original Color

49.5280, 15.4080, -14.9280

Protanomaly

49.7240, 17.7920, -14.0800

Deuteranomaly

50.5010, 20.0380, -10.7300

Tritanomaly

52.1980, 8.0700, -3.0820

Monochromacy



Original Color

49.5280, 15.4080, -14.9280

Achromatopsia

50.0000, -0.0000, -0.0000

Achromatomaly

49.9480, 5.7780, -5.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 49.5280, 15.4080, -14.9280 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(55, 55, 7)` looks like.

```
.text, #text, p{  
    color:rgb(55, 55, 7)  
}
```

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(55, 55, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 55, 7) }
```

Border

The CSS property to change the border of an element to YIQ 49.5280, 15.4080, -14.9280 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(55, 55, 7) }
```


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

```
.border{ border-color:rgb(55, 55, 7) }
```

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

Here you see how a box with a 4 pixel rgb(55, 55, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 55, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 55, 7); box-shadow:4px  
4px 4px 4px rgb(55, 55, 7) }
```

Background

The CSS property to change the background color of an element to YIQ 49.5280, 15.4080, -14.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 55, 7) }
```

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

```
.background{ background-color: rgb(55, 55,  
7) }
```

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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