

Converting Colors

YIQ(54.9720, 14.3980, -7.6340)

Have a look what the booklet for
YIQ(54.9720, 14.3980, -7.6340)
contains.

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Color

**YIQ(54.9720, 14.3980,
-7.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	40381A
RGB	64, 56, 26
RGB Percent	25%, 22%, 10%
CMY	0.7490, 0.7804, 0.8980
CMYK	0.00, 0.13, 0.59, 0.75
HSL	47°, 42%, 18%
HSV	47°, 59%, 25%
XYZ	3.7150, 3.9927, 1.5533
YIQ	54.9720, 14.3980, -7.6340

Conversions

Conversions Part 2

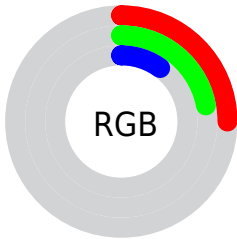
Format	Color
RYB	36, 64, 26
Decimal	4208666
CIELab	23.65, -1.21, 19.85
CIELCh	24, 19.888, 93.481
Yxy	3.9927, 0.4011, 0.4311
Android (android.graphics.Color)	4282398746 (0xFF40381A)
YUV	54.9720, -14.2832, 7.9176
Hunter-Lab	19.9817, -1.7808, 9.3781

Details

The YIQ color **54.9720, 14.3980, -7.6340** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **35.0280, -14.3980, 7.6340**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.2280, 16.5530, -8.1430**, and **12.4150, 5.9610, -3.4070** is the 20% darker color. If you saturate the color by 10%, you get **53.7010, 16.5990, -8.9770**, and if you desaturate by 10%, it is **56.2430, 12.1970, -6.2910**.

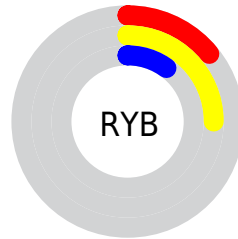
Distribution



Red (25%)

Green (22%)

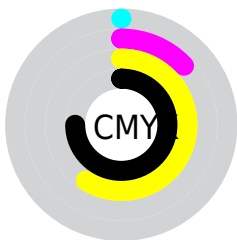
Blue (10%)



Red (14%)

Yellow (25%)

Blue (10%)

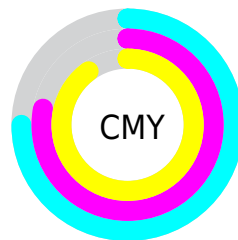


Cyan (0%)

Magenta (13%)

Yellow (59%)

Black (75%)



Cyan (75%)

Magenta (78%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.9720, 14.3980, -7.6340 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 54.9720, 14.3980, -7.6340 by changing the saturation by 10% instead.

■ 54.9720, 14.3980,
-7.6340

■ 54.9720, 14.3980,
-7.6340

■ 255.0000, -0.0000,
-0.0000

■ 33.2170, 15.0860,
-9.0900

■ 102.2280, 16.5530,
-8.1430

■ 12.4150, 5.9610,
-3.4070

■ 127.4130, 17.4700,
-8.2420

■ 0.0000, 0.0000,
0.0000

■ 153.5980, 18.3870,
-8.3410

■ 179.8970, 18.9830,
-8.1290

■ 207.6690, 19.6250,
-8.7510

■ 235.9680, 20.2210,

-8.5390

■ 251.8080, 8.9880,
-8.7080

■ 54.9720, 14.3980,
-7.6340

■ 54.9720, 14.3980,
-7.6340

■ 53.7010, 16.5990,
-8.9770

■ 56.2430, 12.1970,
-6.2910

■ 51.7290, 19.3960,
-10.1080

■ 58.2150, 9.4000,
-5.1600

■ 50.4580, 21.5970,
-11.4510

■ 59.4860, 7.1990,
-3.8170

■ 49.0730, 24.1190,
-13.1050

■ 60.8710, 4.6770,
-2.1630

■ 62.7290, 2.2010,
-1.3430

■ 64.0000, -0.0000,
-0.0000

■ 65.3850, -2.5220,
1.6540

■ 67.2430, -4.9980,
2.4740

■ 68.6280, -7.5200,
4.1280

Harmonies

Analogous

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



56.0810, 21.6410, -1.2310



54.9720, 14.3980, -7.6340



53.1060, 2.1570, -11.5630

Triad

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



54.9720, 14.3980, -7.6340



45.7760, -40.7120, -11.0800



58.2930, 9.9010, 13.3010

Complementary

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



54.9720, 14.3980, -7.6340



35.0280, -14.3980, 7.6340

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.



57.6980, -4.5410, 10.7150



54.9720, 14.3980, -7.6340



45.2690, -43.4180, -6.0900

Square

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



54.9720, 14.3980, -7.6340



44.7780, -35.0260, -15.0100



54.0270, -21.8250, 4.5670



57.2140, 20.3090, 11.9010

Rectangle

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



54.9720, 14.3980, -7.6340



51.4900, -7.7920, -12.9760



54.0270, -21.8250, 4.5670



58.1400, 5.9580, 13.1740

Sweetspot

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



54.9720, 14.3980, -7.6340



80.5290, 5.6400, -3.0960



38.2740, 20.0800, 10.5440



40.8000, 3.4390, -1.7530



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



54.9720, 14.3980, -7.6340



70.1160, 22.5600, -12.3840



56.3790, 5.6420, -14.1500



32.0710, 1.2380, -0.4100



73.6150, 36.9120, -19.1840



170.8750, 84.8290, -45.0830

Inverse Universe

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



35.0280, -14.3980, 7.6340



38.4710, -22.8350, 11.8610



33.6210, -5.6420, 14.1500



30.9290, -1.2380, 0.4100



22.7980, -36.6370, 19.7070



53.1250, -84.8290, 45.0830

Previews

White Background



This preview shows how the YIQ color 54.9720, 14.3980, -7.6340 looks on a white background.

Color Contrast Check

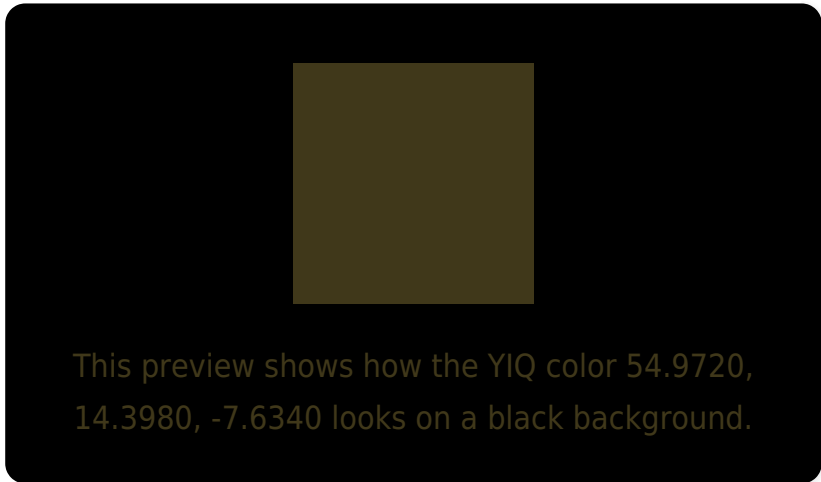
Large Text (above 18pt) WCAG AA ✓ Pass

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

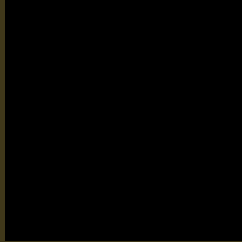
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.9720, 14.3980, -7.6340

Background



This preview shows how black text looks on a background with the YIQ color 54.9720, 14.3980, -7.6340.



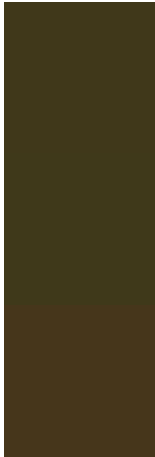
This preview shows how white text looks on a background with the YIQ color 54.9720, 14.3980,

-7.6340.

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

54.9720, 14.3980, -7.6340

Protanopia

55.2600, 13.5270, -8.3690

Deuteranopia

55.7060, 18.2030, -5.0050



Tritanopia

57.6420, 7.0600, 4.2120

Trichromacy



Original Color

54.9720, 14.3980, -7.6340

Protanomaly

55.2600, 13.5270, -8.3690

Deuteranomaly

55.6950, 16.7360, -5.9520

Tritanomaly

56.6760, 9.7200, 0.0560

Monochromacy



Original Color

54.9720, 14.3980, -7.6340

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.6430, 5.3190, -2.7850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.9720, 14.3980, -7.6340 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(64, 56, 26)` looks like.

```
.text, #text, p{  
    color:rgb(64, 56, 26)  
}
```

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(64, 56, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 56, 26) }
```

Border

The CSS property to change the border of an element to YIQ 54.9720, 14.3980, -7.6340 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(64, 56, 26) }
```


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

```
.border{ border-color:rgb(64, 56, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 56, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 56, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 56, 26);  
box-shadow:4px 4px 4px 4px rgb(64, 56, 26)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.9720, 14.3980, -7.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 56, 26) }
```

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

```
.background{ background-color: rgb(64, 56,  
26) }
```

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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