

Converting Colors

YIQ(40.3580, 28.4710, 7.1510)

Have a look what the booklet for
YIQ(40.3580, 28.4710, 7.1510)
contains.

YIQ(40.3580, 28.4710, 7.1510)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(40.3580, 28.4710,
7.1510)**

Conversions

Conversions Part 1

Format	Color
Hex	481C15
RGB	72, 28, 21
RGB Percent	28%, 11%, 8%
CMY	0.7175, 0.8903, 0.9175
CMYK	0.00, 0.61, 0.71, 0.72
HSL	8°, 55%, 18%
HSV	8°, 71%, 28%
XYZ	3.2248, 2.2626, 0.9777
YIQ	40.3580, 28.4710, 7.1510

Conversions

Conversions Part 2

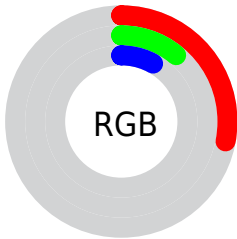
Format	Color
R_YB	72, 29, 21
Decimal	4725781
CIE Lab	16.81, 20.45, 15.00
CIE LCh	17, 25.360, 36.256
Yxy	2.2626, 0.4988, 0.3500
Android (android.graphics.Color)	4282915861 (0xFF481C15)
YUV	40.3580, -9.5435, 27.7500
Hunter-Lab	15.0419, 11.9455, 6.6756

Details

The YIQ color **40.3580, 28.4710, 7.1510** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **52.6420, -28.4710, -7.1510**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **87.1090, 33.6060, 7.7020**, and **4.7840, 9.5360, 3.3920** is the 20% darker color. If you saturate the color by 10%, you get **36.0380, 32.3680, 8.1120**, and if you desaturate by 10%, it is **44.6780, 24.5740, 6.1900**.

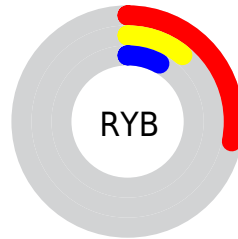
Distribution



 Red (28%)

 Green (11%)

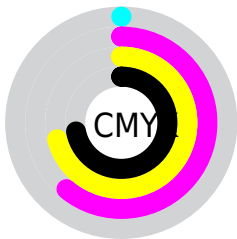
 Blue (8%)



 Red (28%)

 Yellow (11%)

 Blue (8%)

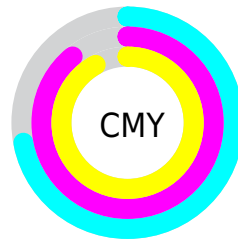


 Cyan (0%)


 Magenta (61%)

 Yellow (71%)

 Black (72%)



 Cyan (72%)

 Magenta (89%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.3580, 28.4710, 7.1510 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 40.3580, 28.4710, 7.1510 by changing the saturation by 10% instead.

40.3580, 28.4710,
7.1510

40.3580, 28.4710,
7.1510

253.9740, 2.8890,
-2.7990

17.8740, 26.9580,
7.0380

87.2230, 33.2850,
8.0130

4.7840, 9.5360,
3.3920

112.0060, 35.3940,
8.3380

0.0000, 0.0000,
0.0000

137.7890, 37.5030,
8.6630

164.3870, 38.6950,
9.0870

191.8710, 40.2080,
9.2000

217.0660, 35.1650,

6.9810

■ 236.6940, 18.4770,
1.0450

■ 40.3580, 28.4710,
7.1510

■ 40.3580, 28.4710,
7.1510

■ 36.0380, 32.3680,
8.1120

■ 44.6780, 24.5740,
6.1900

■ 31.7180, 36.2650,
9.0730

■ 48.9980, 20.6770,
5.2290

■ 27.3980, 40.1620,
10.0340

■ 54.0190, 16.1840,
4.0560

■ 58.3390, 12.2870,
3.0950

■ 62.6590, 8.3900,
2.1340

■ 66.9790, 4.4930,
1.1730

■ 71.8860, 0.3210,
-0.3110

■ 76.3200, -3.8970,
-0.9610

■ 80.6400, -7.7940,
-1.9220

Harmonies

Analogous

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



40.5460, 25.3060, 14.9540



40.3580, 28.4710, 7.1510



39.8380, 26.6390, -3.7050

Triad

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



40.3580, 28.4710, 7.1510



31.7270, -21.8210, -17.5410



35.3400, -33.0120, 3.5640

Complementary

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



40.3580, 28.4710, 7.1510



52.6420, -28.4710, -7.1510

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.



36.0250, -36.6790, -1.5670



40.3580, 28.4710, 7.1510



34.4800, -28.1950, -12.1550

Square

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



40.3580, 28.4710, 7.1510



36.5850, 2.0660, -15.4220



36.4180, -33.6520, -6.8680



42.6920, -4.4040, 13.7400

Rectangle

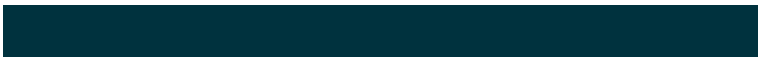
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.3580, 28.4710, 7.1510



39.3270, 20.5880, -9.6840



36.4180, -33.6520, -6.8680



34.7200, -37.1380, 1.2460

Sweetspot

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



40.3580, 28.4710, 7.1510



81.8550, 10.7740, 2.9820



41.2650, 16.2720, 24.4960



40.7620, 6.6020, 1.4980



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



40.3580, 28.4710, 7.1510



44.3770, 44.6550, 11.2070



55.0330, 21.5960, -5.9240



33.7830, 2.1090, 0.3250



37.8190, 55.1540, 13.6660



86.0700, 126.7670, 31.9110

Inverse Universe

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



52.6420, -28.4710, -7.1510



63.6230, -44.6550, -11.2070



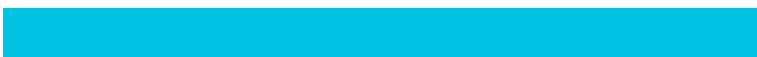
37.9670, -21.5960, 5.9240



34.2170, -2.1090, -0.3250



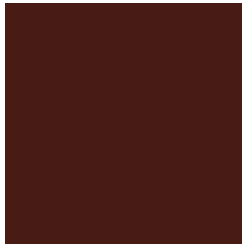
61.7680, -55.4290, -14.1890



140.9300, -126.7670, -31.9110

Previews

White Background



This preview shows how the YIQ color 40.3580, 28.4710, 7.1510 looks on a white background.

Color Contrast Check

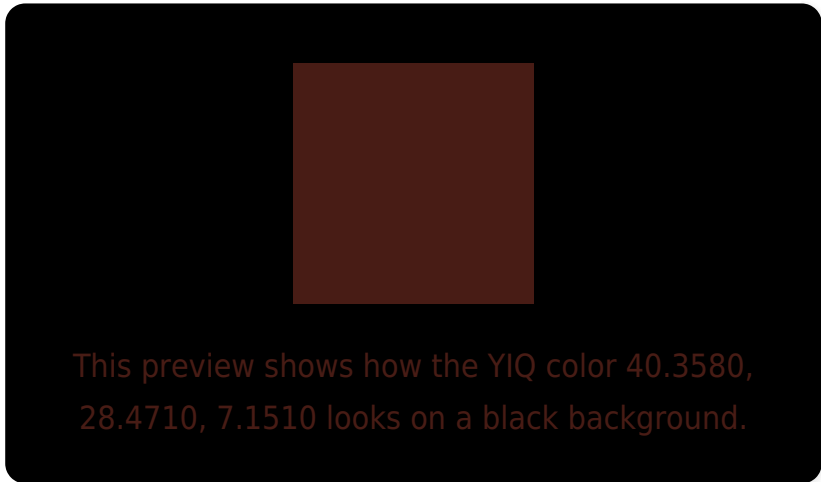
Large Text (above 18pt) WCAG AA ✓ Pass

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

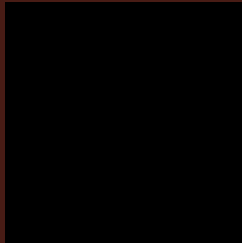
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 40.3580, 28.4710, 7.1510

Background



This preview shows how black text looks on a background with the YIQ color 40.3580, 28.4710, 7.1510.

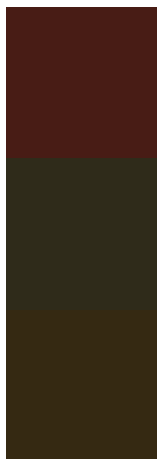


This preview shows how white text looks on a background with the YIQ color 40.3580, 28.4710,

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

40.3580, 28.4710, 7.1510

Protanopia

42.2580, 7.8410, -4.4390

Deuteranopia

41.9660, 14.5350, -4.6090



Tritanopia

40.6830, 26.1780, 10.1620

Trichromacy



Original Color

40.3580, 28.4710, 7.1510

Protanomaly

41.7860, 15.2220, -0.5380

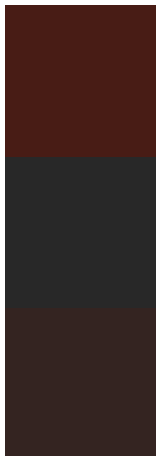
Deuteranomaly

41.2380, 19.7610, -0.1990

Tritanomaly

40.3410, 27.1410, 9.2290

Monochromacy



Original Color

40.3580, 28.4710, 7.1510

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

40.4420, 10.4990, 2.4590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.3580, 28.4710, 7.1510 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(72, 28, 21)` looks like.

```
.text, #text, p{  
    color:rgb(72, 28, 21)  
}
```

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(72, 28, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 28, 21) }
```

Border

The CSS property to change the border of an element to YIQ 40.3580, 28.4710, 7.1510 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(72, 28, 21) }
```


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

```
.border{ border-color:rgb(72, 28, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 28, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 28, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 28, 21);  
box-shadow:4px 4px 4px 4px rgb(72, 28, 21)  
}
```

Background

The CSS property to change the background color of an element to YIQ 40.3580, 28.4710, 7.1510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 28, 21) }
```

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

```
.background{ background-color: rgb(72, 28,  
21) }
```

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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