

Converting Colors

YIQ(53.9780, 41.7650, 19.5330)

Have a look what the booklet for
YIQ(53.9780, 41.7650, 19.5330)
contains.

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Color

**YIQ(53.9780, 41.7650,
19.5330)**

Conversions

Conversions Part 1

Format	Color
Hex	6A1E29
RGB	106, 30, 41
RGB Percent	42%, 12%, 16%
CMY	0.5841, 0.8825, 0.8391
CMYK	0.00, 0.72, 0.61, 0.58
HSL	351°, 56%, 27%
HSV	351°, 72%, 42%
XYZ	6.8140, 4.1544, 2.5442
YIQ	53.9780, 41.7650, 19.5330

Conversions

Conversions Part 2

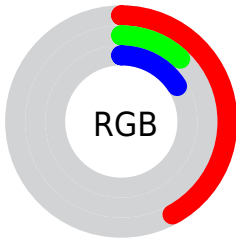
Format	Color
R_{YB}	106, 30, 41
Decimal	6954537
CIE _{Lab}	24.18, 34.54, 12.09
CIE _{LCh}	24, 36.594, 19.292
Yxy	4.1544, 0.5043, 0.3074
Android (android.graphics.Color)	4285144617 (0xFF6A1E29)
YUV	53.9780, -6.3982, 45.6233
Hunter-Lab	20.3824, 24.0045, 6.8668

Details

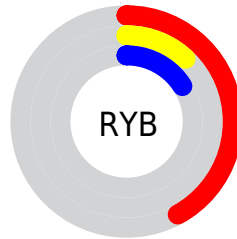
The YIQ color **53.9780, 41.7650, 19.5330** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **82.0220, -41.7650, -19.5330**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **104.3160, 46.6250, 19.5610**, and **16.1460, 32.1840, 11.4480** is the 20% darker color. If you saturate the color by 10%, you get **46.4950, 47.6790, 22.4870**, and if you desaturate by 10%, it is **61.4610, 35.8510, 16.5790**.

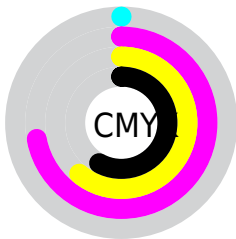
Distribution



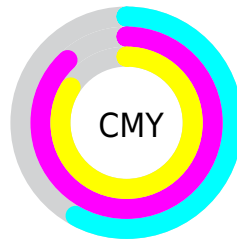
- Red (42%)
- Green (12%)
- Blue (16%)



- Red (42%)
- Yellow (12%)
- Blue (16%)



- Cyan (0%)
- Magenta (72%)
- Yellow (61%)
- Black (58%)



- Cyan (58%)
- Magenta (88%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.9780, 41.7650, 19.5330 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 53.9780, 41.7650, 19.5330 by changing the saturation by 10% instead.

■ 53.9780, 41.7650,
19.5330

■ 53.9780, 41.7650,
19.5330

255.0000, -0.0000,
-0.0000

■ 27.1890, 39.7930,
22.2330

■ 104.3160, 46.6250,
19.5610

■ 16.1460, 32.1840,
11.4480

■ 130.9850, 49.0550,
19.5750

■ 6.2790, 12.5160,
4.4520

■ 157.8820, 50.8430,
20.2110


■ 0.0000, 0.0000,
0.0000


■ 185.0780, 53.2270,
21.0590


■ 206.3860, 40.4360,
16.0840


■ 226.0140, 23.7480,


10.1480


 246.2290, 6.7850,
3.6890


 53.9780, 41.7650,
19.5330


 53.9780, 41.7650,
19.5330


 46.4950, 47.6790,
22.4870


 61.4610, 35.8510,
16.5790


 39.5990, 53.3180,
24.9180

 68.3570, 30.2120,
14.1480

 33.4040, 58.3610,
27.1370

 75.8400, 24.2980,
11.1940

 82.7360, 18.6590,
8.7630

 90.2190, 12.7450,
5.8090

■ 97.7020, 6.8310,
2.8550

■ 104.5980, 1.1920,
0.4240

■ 112.1950, -5.0430,
-2.2190

■ 119.0910,
-10.6820, -4.6500

Harmonies

Analogous

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



55.9740, 30.3930, 27.3930



53.9780, 41.7650, 19.5330



54.8940, 41.4010, 4.0970

Triad

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



53.9780, 41.7650, 19.5330



46.5780, -14.3920, -25.5280



50.3360, -53.5520, 1.3600

Complementary

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



53.9780, 41.7650, 19.5330



82.0220, -41.7650, -19.5330

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.



51.2020, -50.4790, -4.7750



53.9780, 41.7650, 19.5330



45.7470, -33.7410, -21.7810

Square

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



53.9780, 41.7650, 19.5330



51.9530, 15.4090, -20.4550



49.6400, -43.3250, -13.2850



54.7030, -29.3000, 13.3880

Rectangle

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



53.9780, 41.7650, 19.5330



54.4770, 37.7810, -7.3950



49.6400, -43.3250, -13.2850



51.1680, -53.1390, -0.6190

Sweetspot

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



53.9780, 41.7650, 19.5330



116.8390, 16.8710, 8.1270



58.0990, 14.3440, 37.4160



56.7240, 9.7650, 4.7490



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



53.9780, 41.7650, 19.5330



56.6330, 65.1460, 30.8260



68.5730, 37.8710, 1.9910



49.9080, 3.2550, 1.5830



36.9210, 64.2750, 30.0910



77.3590, 134.4640, 63.1360

Inverse Universe

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



53.9780, 41.7650, 19.5330



56.6330, 65.1460, 30.8260



67.4270, -37.8710, -1.9910



49.9080, 3.2550, 1.5830



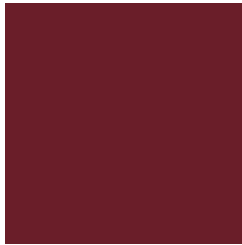
36.9210, 64.2750, 30.0910



77.3590, 134.4640, 63.1360

Previews

White Background



This preview shows how the YIQ color 53.9780, 41.7650, 19.5330 looks on a white background.

Color Contrast Check

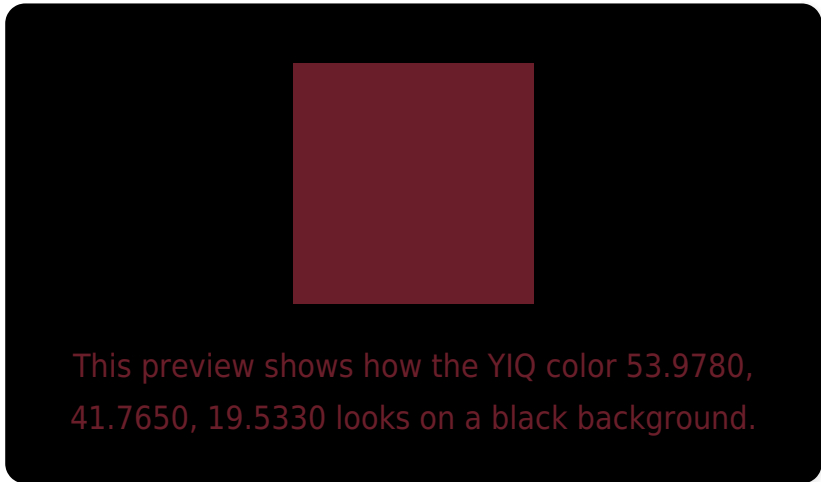
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.9780, 41.7650, 19.5330

Background



This preview shows how black text looks on a background with the YIQ color 53.9780, 41.7650, 19.5330.



This preview shows how white text looks on a background with the YIQ color 53.9780, 41.7650,

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

53.9780, 41.7650, 19.5330

Protanopia

59.0280, 2.7970, -1.1310

Deuteranopia

58.3190, 15.0390, -2.7290



Tritanopia

53.6530, 44.0580, 16.5220

Trichromacy



Original Color

53.9780, 41.7650, 19.5330

Protanomaly

56.7850, 16.9630, 6.4590

Deuteranomaly

57.0370, 24.9410, 5.0450

Tritanomaly

53.9950, 43.0950, 17.4550

Monochromacy



Original Color

53.9780, 41.7650, 19.5330

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.8280, 15.4040, 7.1800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.9780, 41.7650, 19.5330 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(106, 30, 41)` looks like.

```
.text, #text, p{  
    color:rgb(106, 30, 41)  
}
```

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(106, 30, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 30, 41) }
```

Border

The CSS property to change the border of an element to YIQ 53.9780, 41.7650, 19.5330 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(106, 30, 41) }
```


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

```
.border{ border-color:rgb(106, 30, 41) }
```

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

Here you see how a box with a 4 pixel rgb(106, 30, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 30, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 30, 41);  
box-shadow:4px 4px 4px 4px rgb(106, 30,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 53.9780, 41.7650, 19.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 30, 41) }
```

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

```
.background{ background-color: rgb(106, 30,  
41) }
```

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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