

Converting Colors

YIQ(27.5190, 20.7680, 9.0880)

Have a look what the booklet for
YIQ(27.5190, 20.7680, 9.0880)
contains.

YIQ(27.5190, 20.7680, 9.0880)	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(27.5190, 20.7680,
9.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	351014
RGB	53, 16, 20
RGB Percent	21%, 6%, 8%
CMY	0.7921, 0.9373, 0.9215
CMYK	0.00, 0.70, 0.62, 0.79
HSL	353°, 54%, 14%
HSV	353°, 70%, 21%
XYZ	1.7809, 1.1782, 0.7963
YIQ	27.5190, 20.7680, 9.0880

Conversions

Conversions Part 2

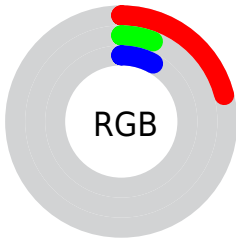
Format	Color
RYB	53, 16, 20
Decimal	3477524
CIELab	10.40, 19.03, 6.53
CIELCh	10, 20.118, 18.951
Yxy	1.1782, 0.4742, 0.3137
Android (android.graphics.Color)	4281667604 (0xFF351014)
YUV	27.5190, -3.7069, 22.3468
Hunter-Lab	10.8545, 10.2913, 3.2485

Details


The YIQ color **27.5190, 20.7680, 9.0880** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **41.4810, -20.7680, -9.0880**, and the grayscale version is **28.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **72.7860, 24.3900, 9.5260**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.0140, 23.7480, 10.1480**, and if you desaturate by 10%, it is **31.0240, 17.7880, 8.0280**.

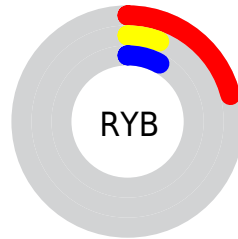
Distribution



 Red (21%)

 Green (6%)

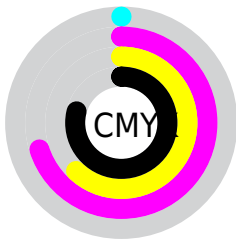
 Blue (8%)



 Red (21%)

 Yellow (6%)

 Blue (8%)

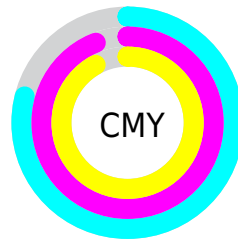


 Cyan (0%)


 Magenta (70%)

 Yellow (62%)

 Black (79%)



 Cyan (79%)

 Magenta (94%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.5190, 20.7680, 9.0880 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 27.5190, 20.7680, 9.0880 by changing the saturation by 10% instead.

■ 27.5190, 20.7680,
9.0880

■ 27.5190, 20.7680,
9.0880

■ 246.7020, 6.8310,
2.8550

■ 10.2800, 19.9430,
7.5190

■ 72.7860, 24.3900,
9.5260

■ 0.0000, 0.0000,
0.0000

■ 96.6830, 26.1780,
10.1620


■ 122.2810, 27.3700,
10.5860


■ 147.8790, 28.5620,
11.0100


■ 175.0640, 29.4790,
10.9110


■ 202.6620, 30.6710,


11.3350


 226.4870, 23.7940,
9.3140


 27.5190, 20.7680,
9.0880


 27.5190, 20.7680,
9.0880


 24.0140, 23.7480,
10.1480


 31.0240, 17.7880,
8.0280


 20.0360, 26.6820,
12.0420

 35.0020, 14.8540,
6.1340

 16.5310, 29.6620,
13.1020

 38.5070, 11.8740,
5.0740

 42.0120, 8.8940,
4.0140

 45.5170, 5.9140,
2.9540

■ 49.4950, 2.9800,
1.0600

■ 53.0000, -0.0000,
-0.0000

■ 56.5050, -2.9800,
-1.0600

■ 60.5970, -6.2350,
-2.6430

Harmonies

Analogous

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



28.2180, 14.4860, 12.8060



27.5190, 20.7680, 9.0880



26.9180, 23.6580, 0.7620

Triad

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



27.5190, 20.7680, 9.0880



23.5290, -3.5280, -13.1600



24.4670, -26.1800, 0.8920

Complementary

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



27.5190, 20.7680, 9.0880



41.4810, -20.7680, -9.0880

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.



25.5440, -25.0790, -2.5430



27.5190, 20.7680, 9.0880



23.1670, -17.0080, -11.1520

Square

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



27.5190, 20.7680, 9.0880



26.2810, 9.0340, -9.5420



24.7630, -21.5020, -6.7980



27.6860, -13.4350, 6.7010

Rectangle

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



27.5190, 20.7680, 9.0880



27.2440, 19.6240, -3.2240



24.7630, -21.5020, -6.7980



24.9400, -26.1340, 0.0580

Sweetspot

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



27.5190, 20.7680, 9.0880



58.7130, 8.2980, 3.8020



30.0850, 7.7910, 18.5030



29.8050, 5.0430, 2.2190



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.



27.5190, 20.7680, 9.0880



29.0260, 32.6420, 14.1620



35.2810, 18.2020, 0.5220



23.8970, 1.7880, 0.6360



27.7510, 49.8340, 21.9780



67.6190, 121.6280, 53.4680

Inverse Universe

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



27.5190, 20.7680, 9.0880



29.0260, 32.6420, 14.1620



33.7190, -18.2020, -0.5220



23.8970, 1.7880, 0.6360



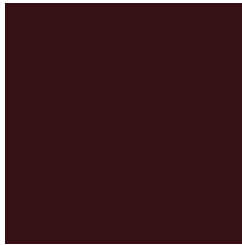
27.7510, 49.8340, 21.9780



67.6190, 121.6280, 53.4680

Previews

White Background



This preview shows how the YIQ color 27.5190, 20.7680, 9.0880 looks on a white background.

Color Contrast Check

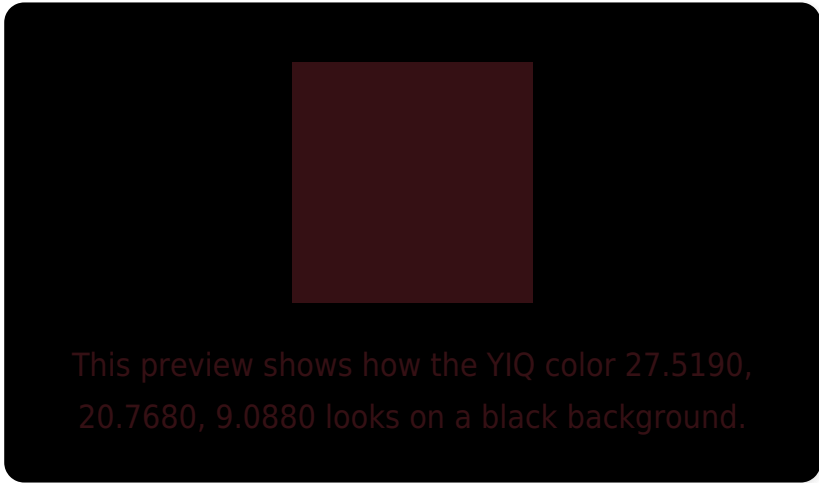
Large Text (above 18pt) WCAG AA ✓ Pass

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

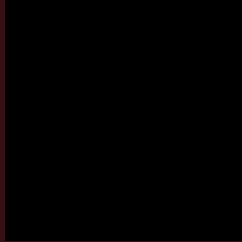
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.5190, 20.7680, 9.0880

Background



This preview shows how black text looks on a background with the YIQ color 27.5190, 20.7680, 9.0880.

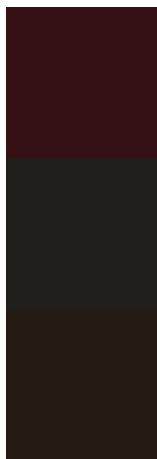


This preview shows how white text looks on a background with the YIQ color 27.5190, 20.7680,

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

27.5190, 20.7680, 9.0880

Protanopia

29.8430, 1.8800, -1.0320

Deuteranopia

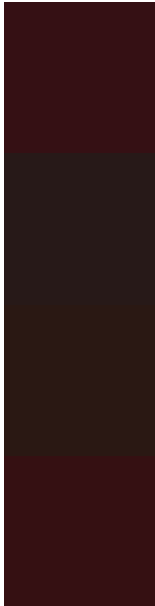
29.2520, 7.9780, -1.4140



Tritanopia

27.1770, 21.7310, 8.1550

Trichromacy



Original Color

27.5190, 20.7680, 9.0880

Protanomaly

29.0720, 8.6650, 2.6570

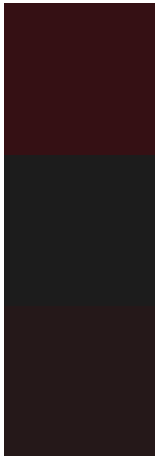
Deuteranomaly

28.8120, 12.3330, 2.2610

Tritanomaly

27.2910, 21.4100, 8.4660

Monochromacy



Original Color

27.5190, 20.7680, 9.0880

Achromatopsia

28.0000, -0.0000, 0.0000

Achromatomaly

28.0010, 7.4270, 3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.5190, 20.7680, 9.0880 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(53, 16, 20)` looks like.

```
.text, #text, p{  
    color:rgb(53, 16, 20)  
}
```

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(53, 16, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 16, 20) }
```

Border

The CSS property to change the border of an element to YIQ 27.5190, 20.7680, 9.0880 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(53, 16, 20) }
```


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

```
.border{ border-color:rgb(53, 16, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 16, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 16, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 16, 20);  
box-shadow:4px 4px 4px 4px rgb(53, 16, 20)  
}
```

Background

The CSS property to change the background color of an element to YIQ 27.5190, 20.7680, 9.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 16, 20) }
```

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

```
.background{ background-color: rgb(53, 16,  
20) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor