

Converting Colors

YIQ(19.4520, 13.7070, 10.4030)

Have a look what the booklet for
YIQ(19.4520, 13.7070, 10.4030)
contains.

YIQ(19.4520, 13.7070, 10.4030)	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(19.4520, 13.7070,
10.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	270916
RGB	39, 9, 22
RGB Percent	15%, 4%, 9%
CMY	0.8470, 0.9647, 0.9137
CMYK	0.00, 0.77, 0.44, 0.85
HSL	334°, 63%, 9%
HSV	334°, 77%, 15%
XYZ	1.0799, 0.6848, 0.8349
YIQ	19.4520, 13.7070, 10.4030

Conversions

Conversions Part 2

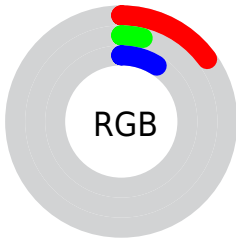
Format	Color
R_{YB}	39, 9, 22
Decimal	2558230
CIE _{Lab}	6.19, 16.78, -1.28
CIE _{LCh}	6, 16.827, 355.649
Yxy	0.6848, 0.4154, 0.2634
Android (android.graphics.Color)	4280748310 (0xFF270916)
YUV	19.4520, 1.2562, 17.1436
Hunter-Lab	8.2753, 8.8130, -0.1890

Details

The YIQ color **19.4520, 13.7070, 10.4030** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **28.5480, -13.7070, -10.4030**, and the grayscale version is **19.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **63.2350, 15.8160, 10.7280**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.8760, 15.4490, 11.8730**, and if you desaturate by 10%, it is **22.0280, 11.9650, 8.9330**.

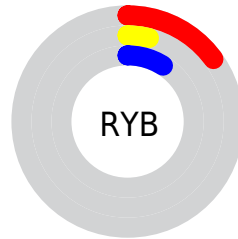
Distribution



Red (15%)

Green (4%)

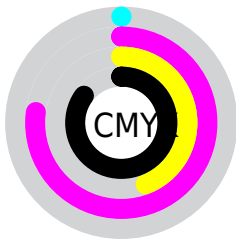
Blue (9%)



Red (15%)

Yellow (4%)

Blue (9%)

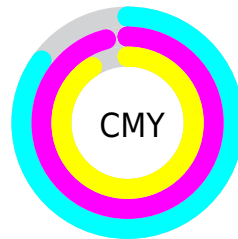


Cyan (0%)

Magenta (77%)

Yellow (44%)

Black (85%)



Cyan (85%)

Magenta (96%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 19.4520, 13.7070, 10.4030 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 19.4520, 13.7070, 10.4030 by changing the saturation by 10% instead.

■ 19.4520, 13.7070,
10.4030

■ 19.4520, 13.7070,
10.4030

■ 241.1740, 8.6180,
9.0180

■ 0.2990, 0.5960,
0.2120

■ 63.2350, 15.8160,
10.7280

■ 0.0000, 0.0000,
0.0000

■ 86.9470, 16.6870,
11.4630


■ 111.5450, 17.8790,
11.8870


■ 137.4310, 18.2000,
11.5760


■ 164.1430, 19.0710,
12.3110


■ 190.8550, 19.9420,


13.0460


 218.8550, 19.9420,
13.0460


 19.4520, 13.7070,
10.4030


 19.4520, 13.7070,
10.4030

 16.8760, 15.4490,
11.8730

 22.0280, 11.9650,
8.9330


 14.3000, 17.1910,
13.3430

 24.6040, 10.2230,
7.4630

 13.5990, 17.7870,
13.5550

 27.2940, 8.1600,
6.3040

 29.8700, 6.4180,
4.8340

 31.8590, 4.9510,
3.8870

■ 34.4350, 3.2090,
2.4170

■ 37.0110, 1.4670,
0.9470

■ 39.7010, -0.5960,
-0.2120

■ 42.2770, -2.3380,
-1.6820

Harmonies

Analogous

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



20.2600, 5.5000, 10.4600



19.4520, 13.7070, 10.4030



18.8130, 19.7600, 5.3280

Triad

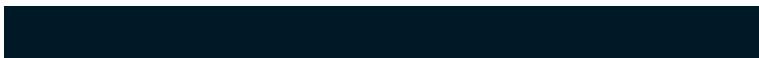
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.4520, 13.7070, 10.4030



17.3990, 2.8900, -8.3260



19.0070, -19.0730, -1.2570

Complementary

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



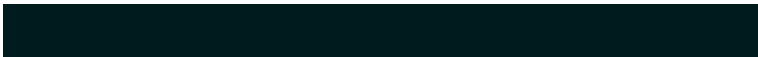
19.4520, 13.7070, 10.4030



28.5480, -13.7070, -10.4030

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.



19.1550, -16.7340, -5.1020



19.4520, 13.7070, 10.4030



14.6750, -6.8750, -13.0750

Square

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



19.4520, 13.7070, 10.4030



18.9380, 11.7380, -3.4780



17.7870, -12.8820, -8.8340



17.7020, -19.5320, 1.5560

Rectangle

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



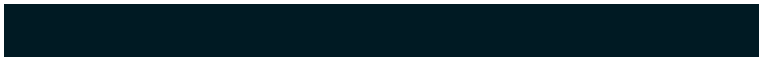
19.4520, 13.7070, 10.4030



18.7050, 19.9440, 1.9920



17.7870, -12.8820, -8.8340



19.2520, -18.3850, -2.7130

Sweetspot

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



19.4520, 13.7070, 10.4030



43.1580, 5.5470, 4.0990



17.5030, 0.5020, 12.9340



20.7340, 3.8050, 2.6290



153.0000, 0.0000, -0.0000



26.0000, -0.0000, -0.0000

Same Dimension

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



19.4520, 13.7070, 10.4030



20.3330, 21.5920, 16.1840



18.5570, 17.6050, 5.8370



18.7120, 0.8710, 0.7350



29.2200, 38.5080, 29.0040



73.8760, 96.8200, 73.5560

Inverse Universe

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



19.4520, 13.7070, 10.4030



20.3330, 21.5920, 16.1840



29.4430, -17.6050, -5.8370



18.7120, 0.8710, 0.7350



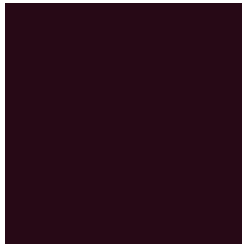
29.2200, 38.5080, 29.0040



73.8760, 96.8200, 73.5560

Previews

White Background



This preview shows how the YIQ color 19.4520, 13.7070, 10.4030 looks on a white background.

Color Contrast Check

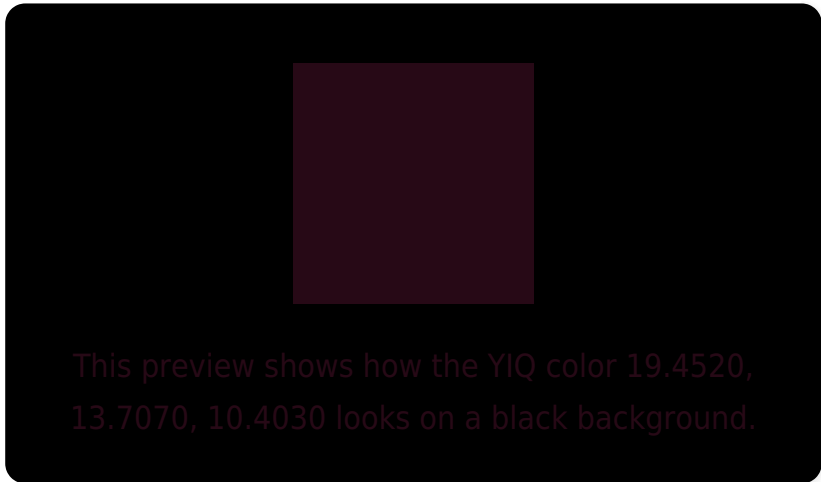
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4520, 13.7070, 10.4030

Background



This preview shows how black text looks on a background with the YIQ color 19.4520, 13.7070, 10.4030.



This preview shows how white text looks on a background with the YIQ color 19.4520, 13.7070,

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

19.4520, 13.7070, 10.4030

Protanopia

21.3140, -3.7600, 2.0640

Deuteranopia

21.8970, 1.7880, 0.6360



Tritanopia

19.7740, 15.4960, 5.5120

Trichromacy



Original Color

19.4520, 13.7070, 10.4030

Protanomaly

20.7170, 2.4750, 4.7070

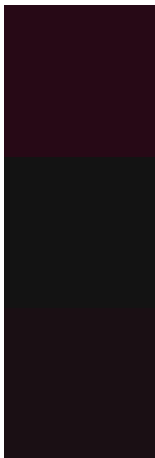
Deuteranomaly

21.0440, 5.8680, 3.7880

Tritanomaly

19.6430, 14.4870, 7.2790

Monochromacy



Original Color

19.4520, 13.7070, 10.4030

Achromatopsia

19.0000, -0.0000, -0.0000

Achromatomaly

18.8590, 4.9510, 3.8870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 19.4520, 13.7070, 10.4030 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(39, 9, 22)` looks like.

```
.text, #text, p{  
    color:rgb(39, 9, 22)  
}
```

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(39, 9, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 9, 22) }
```

Border

The CSS property to change the border of an element to YIQ 19.4520, 13.7070, 10.4030 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(39, 9, 22) }
```


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

```
.border{ border-color:rgb(39, 9, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 9, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 9, 22); -webkit-box-shadow:4px  
4px 4px 4px rgb(39, 9, 22); box-shadow:4px  
4px 4px 4px rgb(39, 9, 22) }
```

Background

The CSS property to change the background color of an element to YIQ 19.4520, 13.7070, 10.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 9, 22) }
```

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

```
.background{ background-color: rgb(39, 9,  
22) }
```

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