

Converting Colors

YIQ(31.9200, 38.5120, 6.8960)

Have a look what the booklet for
YIQ(31.9200, 38.5120, 6.8960)
contains.

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Color

**YIQ(31.9200, 38.5120,
6.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	491101
RGB	73, 17, 1
RGB Percent	29%, 7%, 0%
CMY	0.7136, 0.9334, 0.9959
CMYK	0.00, 0.77, 0.99, 0.71
HSL	13°, 97%, 15%
HSV	13°, 99%, 29%
XYZ	2.9558, 1.8201, 0.2255
YIQ	31.9200, 38.5120, 6.8960

Conversions

Conversions Part 2

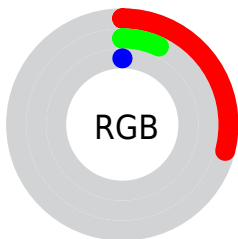
Format	Color
RYB	73, 22, 1
Decimal	4788481
CIELab	14.51, 25.71, 21.80
CIElCh	15, 33.708, 40.292
Yxy	1.8201, 0.5910, 0.3639
Android (android.graphics.Color)	4282978561 (0xFF491101)
YUV	31.9200, -15.2436, 36.0272
Hunter-Lab	13.4913, 15.4982, 8.4531

Details

The YIQ color **31.9200, 38.5120, 6.8960** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **42.0800, -38.5120, -6.8960**, and the grayscale version is **32.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **80.1270, 42.3630, 8.6910**, and **1.4950, 2.9800, 1.0600** is the 20% darker color. If you saturate the color by 10%, you get **31.2190, 39.1080, 7.1080**, and if you desaturate by 10%, it is **36.2400, 34.6150, 5.9350**.

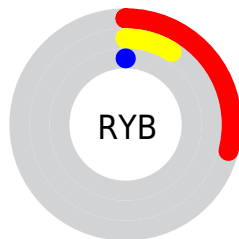
Distribution



Red (29%)

Green (7%)

Blue (0%)



Red (29%)

Yellow (9%)

Blue (0%)

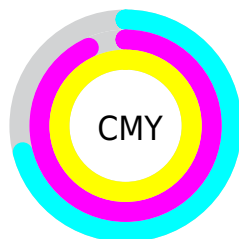


Cyan (0%)

Magenta (77%)

Yellow (99%)

Black (71%)



Cyan (71%)


Magenta (93%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 31.9200, 38.5120, 6.8960 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 31.9200, 38.5120, 6.8960 by changing the saturation by 10% instead.


 31.9200, 38.5120,
6.8960


 31.9200, 38.5120,
6.8960

 248.2860, 10.6380,
-5.5700


 14.0530, 28.0120,
9.9640


 80.1270, 42.3630,
8.6910


 1.4950, 2.9800,
1.0600

 105.0950, 45.3890,
8.9170

 0.0000, 0.0000,
0.0000


 130.8780, 47.4980,
9.2420


 157.6610, 49.6070,
9.5670


 185.4440, 51.7160,
9.8920


 208.4430, 44.2890,


6.8250


 228.0710, 27.6010,
0.8890


 31.9200, 38.5120,
6.8960


 31.9200, 38.5120,
6.8960


 31.2190, 39.1080,
7.1080

 36.2400, 34.6150,
5.9350

 40.0870, 30.6720,
5.8080

 44.4070, 26.7750,
4.8470

 48.7270, 22.8780,
3.8860

 52.5740, 18.9350,
3.7590

■ 56.8940, 15.0380,
2.7980

■ 61.2140, 11.1410,
1.8370

■ 64.9470, 7.5190,
1.3990

■ 69.3810, 3.3010,
0.7490

Harmonies

Analogous

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



30.2640, 35.2080, 22.7280



31.9200, 38.5120, 6.8960



35.2510, 26.9140, -3.1820

Triad

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



31.9200, 38.5120, 6.8960



29.2820, -19.0700, -17.8380



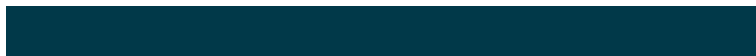
31.2950, -37.1390, 6.7730

Complementary

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



31.9200, 38.5120, 6.8960



42.0800, -38.5120, -6.8960

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.



35.1760, -38.4220, 2.4900



31.9200, 38.5120, 6.8960



32.6050, -27.0490, -10.8970

Square

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



31.9200, 38.5120, 6.8960



29.4270, -3.4810, -19.5210



34.6400, -34.1570, -3.2210



37.6370, -2.5710, 19.0690

Rectangle

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



31.9200, 38.5120, 6.8960



34.8860, 17.5160, -9.0760



34.6400, -34.1570, -3.2210



33.1700, -38.2850, 5.5150

Sweetspot

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



31.9200, 38.5120, 6.8960



77.8940, 15.0380, 2.7980



28.9120, 24.9360, 32.6800



38.4310, 9.0320, 1.5120



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.



31.9200, 38.5120, 6.8960



40.4330, 50.2490, 8.9450



53.0520, 28.6120, -11.9320



33.7830, 2.1090, 0.3250



42.5150, 52.9540, 9.4820



97.2230, 121.5420, 21.9740

Inverse Universe

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



42.0800, -38.5120, -6.8960



53.5670, -50.2490, -8.9450



20.9480, -28.6120, 11.9320



34.2170, -2.1090, -0.3250



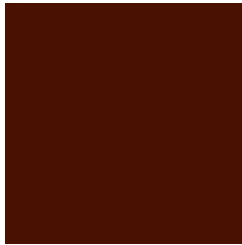
56.4850, -52.9540, -9.4820



129.7770, -121.5420, -21.9740

Previews

White Background



This preview shows how the YIQ color 31.9200, 38.5120, 6.8960 looks on a white background.

Color Contrast Check

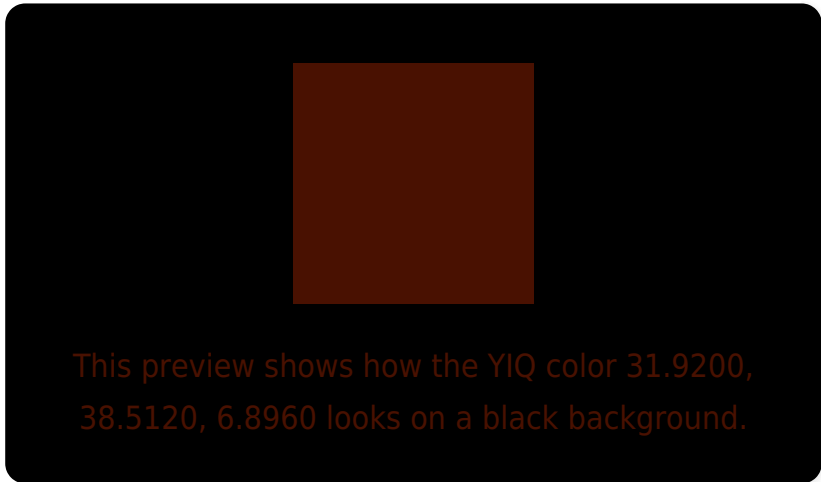
Large Text (above 18pt) WCAG AA ✓ Pass

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

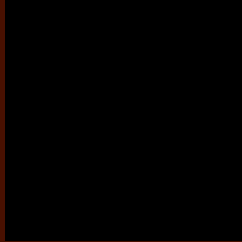
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 31.9200, 38.5120, 6.8960

Background



This preview shows how black text looks on a background with the YIQ color 31.9200, 38.5120, 6.8960.

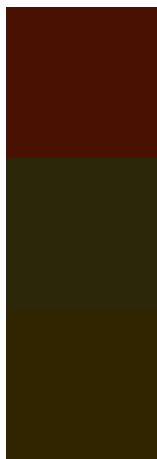


This preview shows how white text looks on a background with the YIQ color 31.9200, 38.5120,

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

31.9200, 38.5120, 6.8960

Protanopia

37.0750, 12.6100, -8.2700

Deuteranopia

36.3700, 19.0290, -8.9630



Tritanopia

33.0430, 33.9720, 12.0840

Trichromacy



Original Color

31.9200, 38.5120, 6.8960

Protanomaly

35.3260, 22.3290, -2.6870

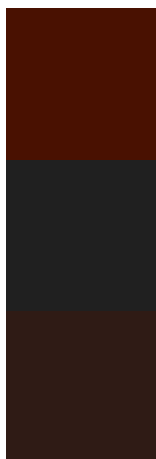
Deuteranomaly

34.9520, 26.3180, -3.3940

Tritanomaly

32.4730, 35.5770, 10.5290

Monochromacy



Original Color

31.9200, 38.5120, 6.8960

Achromatopsia

32.0000, -0.0000, -0.0000

Achromatomaly

32.2960, 13.8460, 2.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 31.9200, 38.5120, 6.8960 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(73, 17, 1)` looks like.

```
.text, #text, p{  
    color:rgb(73, 17, 1)  
}
```

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(73, 17, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 17, 1) }
```

Border

The CSS property to change the border of an element to YIQ 31.9200, 38.5120, 6.8960 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(73, 17, 1) }
```


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

```
.border{ border-color:rgb(73, 17, 1) }
```

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

Here you see how a box with a 4 pixel rgb(73, 17, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 17, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(73, 17, 1); box-shadow:4px  
4px 4px 4px rgb(73, 17, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 31.9200, 38.5120, 6.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 17, 1) }
```

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

```
.background{ background-color: rgb(73, 17,  
1) }
```

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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