

Converting Colors

YUV(31.4940, -5.6665, 44.2938)

Have a look what the booklet for
YUV(31.4940, -5.6665, 44.2938)
contains.

YUV(31.4940, -5.6665, 44.2938)	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

**YUV(31.4940, -5.6665,
44.2938)**

Conversions

Conversions Part 1

Format	Color
Hex	520814
RGB	82, 8, 20
RGB Percent	32%, 3%, 8%
CMY	0.6784, 0.9686, 0.9216
CMYK	0.00, 0.90, 0.76, 0.68
HSL	350°, 82%, 18%
HSV	350°, 90%, 32%
XYZ	3.6928, 2.0180, 0.8567
YIQ	31.4940, 40.2520, 19.4200

Conversions

Conversions Part 2

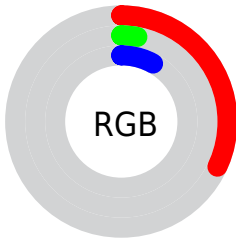
Format	Color
RYB	82, 8, 20
Decimal	5376020
CIELab	15.58, 33.22, 14.61
CIELCh	16, 36.290, 23.742
Yxy	2.0180, 0.5623, 0.3073
Android (android.graphics.Color)	4283566100 (0xFF520814)
YUV	31.4940, -5.6665, 44.2938
Hunter-Lab	14.2057, 21.5413, 6.3684

Details

The YUV color **31.4940, -5.6665, 44.2938** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **58.5060, 5.6665, -44.2938**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.6640, -10.1874, 47.6527**, and **8.1870, -3.5432, 16.4990** is the 20% darker color. If you saturate the color by 10%, you get **26.0000, -6.4090, 49.1120**, and if you desaturate by 10%, it is **36.9880, -4.9241, 39.4755**.

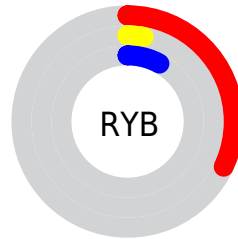
Distribution



Red (32%)

Green (3%)

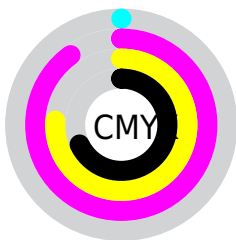
Blue (8%)



Red (32%)

Yellow (3%)

Blue (8%)

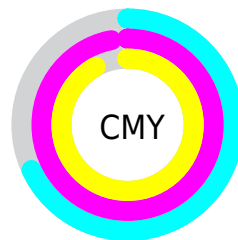


Cyan (0%)

Magenta (90%)

Yellow (76%)

Black (68%)



Cyan (68%)


Magenta (97%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the YUV color 31.4940, -5.6665, 44.2938 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 YUV color 31.4940, -5.6665, 44.2938 by changing the saturation by 10% instead.


 31.4940, -5.6665,
44.2938


 31.4940, -5.6665,
44.2938

 249.0500, -2.4896,
5.2182


 16.7440, -8.2548,
34.4275


 82.6640, -10.1874,
47.6527


 8.1870, -3.5432,
16.4990

 108.3330,
-11.5032, 49.6970

 0.0000, 0.0000,
0.0000

 134.1160,
-12.3822, 51.6413

 161.0130,
-12.8244, 53.4856

 188.7960,
-13.7034, 55.4299

 209.2070,

-10.4551, 40.1605

■ 228.8350, -6.3277,
22.9467

■ 31.4940, -5.6665,
44.2938

■ 31.4940, -5.6665,
44.2938

■ 26.0000, -6.4090,
49.1120

■ 36.9880, -4.9241,
39.4755

■ 42.4820, -4.1816,
34.6573

■ 48.5630, -3.7286,
29.3242

■ 53.9430, -3.4229,
24.6060

■ 59.4370, -2.6804,
19.7878

■ 64.9310, -1.9380,
14.9695

■ 70.4250, -1.1955,
10.1513

■ 76.5060, -0.7425,
4.8182

■ 82.0000, 0.0000,
0.0000

Harmonies

Analogous

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



31.6970, 6.5584, 43.2387



31.4940, -5.6665, 44.2938



35.6160, -17.5587, 31.9088

Triad

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



31.4940, -5.6665, 44.2938



28.2900, -13.4540, -24.8103



36.2020, 27.0154, -31.7492

Complementary

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



31.4940, -5.6665, 44.2938



58.5060, 5.6665, -44.2938

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.



37.2960, 21.0531, -32.7086



31.4940, -5.6665, 44.2938



32.5250, 0.2342, -28.5244

Square

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



31.4940, -5.6665, 44.2938



34.2110, -16.8660, -3.6930



36.0760, 11.3015, -31.6387



36.7420, 24.7772, -13.8057

Rectangle

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



31.4940, -5.6665, 44.2938



37.0230, -18.2523, 21.0278



36.0760, 11.3015, -31.6387



37.1480, 25.5630, -32.5788

Sweetspot

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



31.4940, -5.6665, 44.2938



87.2410, -2.0908, 17.3286



34.9740, 23.1838, 30.7178



41.7240, -1.3429, 10.7661



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



31.4940, -5.6665, 44.2938



33.9310, -8.3470, 64.0815



44.8010, -18.1429, 32.6235



38.1960, -0.5896, 2.4591



33.3330, -8.0522, 62.8520



73.7000, -17.6001, 138.8291

Inverse Universe

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



31.4940, -5.6665, 44.2938



33.9310, -8.3470, 64.0815



45.1990, 18.1429, -32.6235



38.1960, -0.5896, 2.4591



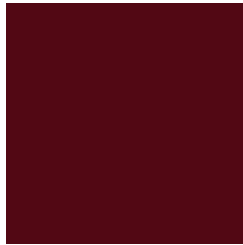
33.3330, -8.0522, 62.8520



73.7000, -17.6001, 138.8291

Previews

White Background



This preview shows how the YUV color 31.4940, -5.6665, 44.2938 looks on a white background.

Color Contrast Check

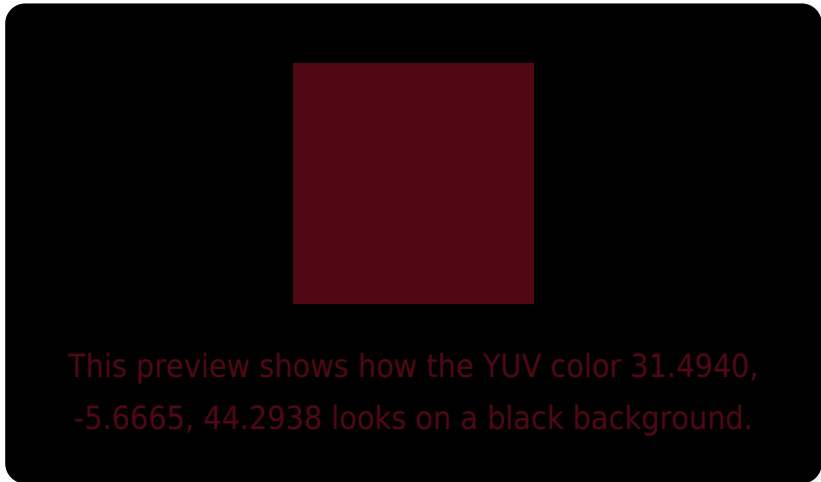
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

YUV 31.4940, -5.6665, 44.2938

Background



This preview shows how black text looks on a background with the YUV color 31.4940, -5.6665, 44.2938.



This preview shows how white text looks on a background with the YUV color 31.4940, -5.6665,

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

31.4940, -5.6665, 44.2938

Protanopia

41.5290, -5.6838, 3.0441

Deuteranopia

40.7380, -12.6888, 9.8768



Tritanopia

32.0010, -11.3395, 43.8491

Trichromacy



Original Color

31.4940, -5.6665, 44.2938

Protanomaly

37.9160, -5.8746, 17.6137

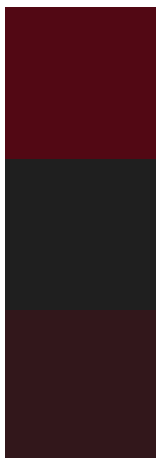
Deuteranomaly

37.2110, -9.9640, 22.6170

Tritanomaly

31.8700, -9.3029, 43.9640

Monochromacy



Original Color

31.4940, -5.6665, 44.2938

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.5290, -2.2328, 16.1991

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.4940, -5.6665, 44.2938 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(82, 8, 20)` looks like.

```
.text, #text, p{  
    color:rgb(82, 8, 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(82, 8, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 8, 20) }
```

Border

The CSS property to change the border of an element to YUV 31.4940, -5.6665, 44.2938 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(82, 8, 20) }
```


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

```
.border{ border-color:rgb(82, 8, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 8, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 8, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(82, 8, 20); box-shadow:4px  
4px 4px 4px rgb(82, 8, 20) }
```

Background

The CSS property to change the background color of an element to YUV 31.4940, -5.6665, 44.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 8, 20) }
```

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

```
.background{ background-color: rgb(82, 8,  
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](#).

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