

Converting Colors

YUV(31.9350, -14.7580,
20.2280)

Have a look what the booklet for
YUV(31.9350, -14.7580, 20.2280)
contains.

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Color

**YUV(31.9350, -14.7580,
20.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	371A02
RGB	55, 26, 2
RGB Percent	22%, 10%, 1%
CMY	0.7843, 0.8980, 0.9922
CMYK	0.00, 0.53, 0.96, 0.78
HSL	27°, 93%, 11%
HSV	27°, 96%, 22%
XYZ	1.9559, 1.5554, 0.2546
YIQ	31.9350, 24.9880, -1.3160

Conversions

Conversions Part 2

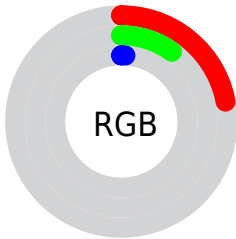
Format	Color
RYB	55, 46, 2
Decimal	3611138
CIELab	12.96, 12.21, 18.70
CIElCh	13, 22.328, 56.861
Yxy	1.5554, 0.5194, 0.4130
Android (android.graphics.Color)	4281801218 (0xFF371A02)
YUV	31.9350, -14.7580, 20.2280
Hunter-Lab	12.4716, 6.1687, 7.5199

Details

The YUV color **31.9350, -14.7580, 20.2280** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **25.0650, 14.7580, -20.2280**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.7720, -14.1846, 23.0020**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.1200, -15.3422, 20.9428**, and if you desaturate by 10%, it is **34.3800, -13.0053, 18.0837**.

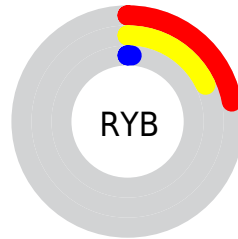
Distribution



Red (22%)

Green (10%)

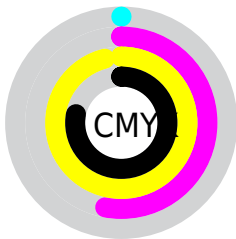
Blue (1%)



Red (22%)

Yellow (18%)

Blue (1%)

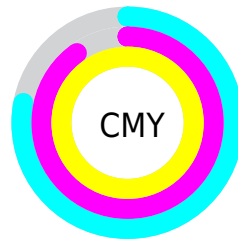


Cyan (0%)

Magenta (53%)

Yellow (96%)

Black (78%)



Cyan (78%)

Magenta (90%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.9350, -14.7580, 20.2280 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 31.9350, -14.7580, 20.2280 by changing the saturation by 10% instead.

■ 31.9350, -14.7580,
20.2280

■ 31.9350, -14.7580,
20.2280

■ 251.3350,
-11.5042, 3.2142

■ 10.1550, -5.0064,
19.1581

■ 77.7720, -14.1846,
23.0020

■ 0.0000, 0.0000,
0.0000

■ 101.5550,
-15.0636, 24.9463


■ 127.0390,
-15.7952, 26.2758


■ 153.5230,
-16.5268, 27.6053


■ 180.1210,
-16.8217, 28.8349


■ 208.1920,


-17.8427, 29.6496


 231.7070,
-15.6316, 20.4280


 31.9350, -14.7580,
20.2280


 31.9350, -14.7580,
20.2280


 31.1200, -15.3422,
20.9428

 34.3800, -13.0053,
18.0837

 36.7110, -11.6895,
16.0395

 39.1560, -9.9369,
13.8952

 41.4870, -8.6211,
11.8509

 43.9320, -6.8685,
9.7066

■ 46.2630, -5.5527,
7.6623

■ 48.7080, -3.8000,
5.5181

■ 51.0390, -2.4842,
3.4738

■ 53.4840, -0.7316,
1.3295

Harmonies

Analogous

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



32.2590, -6.0437, 25.2059



31.9350, -14.7580, 20.2280



31.9400, -15.7464, 10.5766

Triad

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



31.9350, -14.7580, 20.2280



27.6010, 1.6757, -24.2061



33.8330, 13.3933, -2.4845

Complementary

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



31.9350, -14.7580, 20.2280



25.0650, 14.7580, -20.2280

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.



28.4280, 17.5370, -24.9314



31.9350, -14.7580, 20.2280



29.4250, 8.6645, -25.8057

Square

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



31.9350, -14.7580, 20.2280



26.6960, -5.7661, -17.2734



29.6190, 14.4848, -25.9759



34.5640, 8.1029, 14.4144

Rectangle

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



31.9350, -14.7580, 20.2280



31.0100, -15.2879, 3.4992



29.6190, 14.4848, -25.9759



32.2450, 15.1622, -9.8619

Sweetspot

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



31.9350, -14.7580, 20.2280



62.2630, -5.5527, 7.6623



21.1530, 4.8546, 29.6838



30.4090, -3.6526, 4.9033



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.



31.9350, -14.7580, 20.2280



40.0130, -19.7264, 27.1756



47.1970, -22.2821, 6.8432



27.0710, -1.0210, 0.8147



52.1620, -25.7159, 34.9379



123.5940, -60.9318, 83.6711

Inverse Universe

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



25.0650, 14.7580, -20.2280



30.9870, 19.7264, -27.1756



9.8030, 22.2821, -6.8432



26.5160, 0.7316, -1.3295



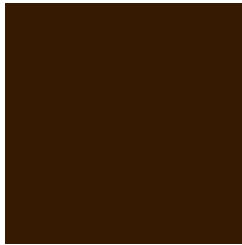
39.8380, 25.7159, -34.9379



95.4060, 60.9318, -83.6711

Previews

White Background



This preview shows how the YUV color 31.9350, -14.7580, 20.2280 looks on a white background.

Color Contrast Check

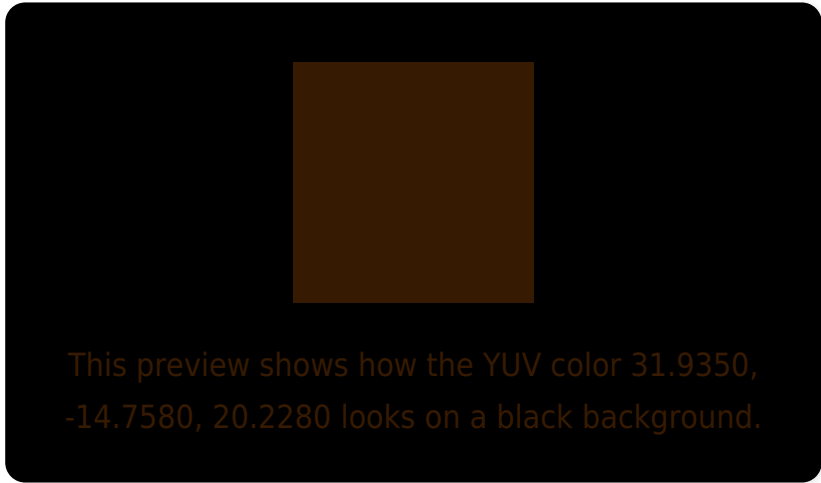
Large Text (above 18pt) WCAG AA ✓ Pass

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

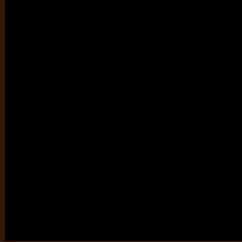
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.9350, -14.7580, 20.2280

Background



This preview shows how black text looks on a background with the YUV color 31.9350, -14.7580, 20.2280.

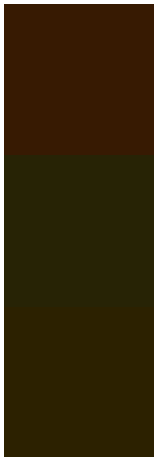


This preview shows how white text looks on a background with the YUV color 31.9350, -14.7580,

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

31.9350, -14.7580, 20.2280

Protanopia

32.7760, -13.6936, 5.4584

Deuteranopia

32.5270, -16.0358, 10.0618



Tritanopia

33.7960, -3.8434, 19.4729

Trichromacy



Original Color

31.9350, -14.7580, 20.2280

Protanomaly

32.6950, -14.1466, 10.7915

Deuteranomaly

32.0760, -15.3205, 13.9653

Tritanomaly

33.3570, -8.0640, 19.8579

Monochromacy



Original Color

31.9350, -14.7580, 20.2280

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.9640, -5.4053, 7.0476

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.9350, -14.7580, 20.2280 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(55, 26, 2)` looks like.

```
.text, #text, p{  
    color:rgb(55, 26, 2)  
}
```

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(55, 26, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 26, 2) }
```

Border

The CSS property to change the border of an element to YUV 31.9350, -14.7580, 20.2280 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(55, 26, 2) }
```


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

```
.border{ border-color:rgb(55, 26, 2) }
```

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

Here you see how a box with a 4 pixel rgb(55, 26, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 26, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 26, 2); box-shadow:4px  
4px 4px 4px rgb(55, 26, 2) }
```

Background

The CSS property to change the background color of an element to YUV 31.9350, -14.7580, 20.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 26, 2) }
```

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

```
.background{ background-color: rgb(55, 26,  
2) }
```

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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