

Converting Colors

YUV(31.9350, 22.2170, 14.0890)

Have a look what the booklet for
YUV(31.9350, 22.2170, 14.0890)
contains.

YUV(31.9350, 22.2170, 14.0890)	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(31.9350, 22.2170,
14.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	300F4D
RGB	48, 15, 77
RGB Percent	19%, 6%, 30%
CMY	0.8118, 0.9412, 0.6980
CMYK	0.38, 0.81, 0.00, 0.70
HSL	272°, 67%, 18%
HSV	272°, 81%, 30%
XYZ	2.7293, 1.5058, 7.1680
YIQ	31.9350, -0.2340, 26.2780

Conversions

Conversions Part 2

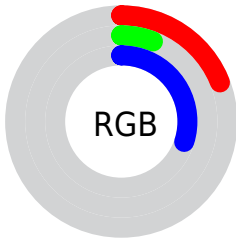
Format	Color
RYB	48, 15, 77
Decimal	3149645
CIELab	12.65, 29.64, -31.37
CIELCh	13, 43.157, 313.378
Yxy	1.5058, 0.2393, 0.1321
Android (android.graphics.Color)	4281339725 (0xFF300F4D)
YUV	31.9350, 22.2170, 14.0890
Hunter-Lab	12.2713, 18.2260, -26.0429

Details

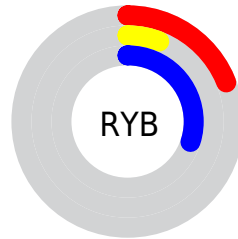
The YUV color **31.9350, 22.2170, 14.0890** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **60.0650, -22.2170, -14.0890**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.2880, 23.5220, 15.5334**, and **4.8220, 13.3988, -4.2289** is the 20% darker color. If you saturate the color by 10%, you get **26.0430, 25.1218, 15.7483**, and if you desaturate by 10%, it is **37.8270, 19.3123, 12.4297**.

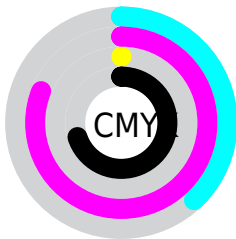
Distribution



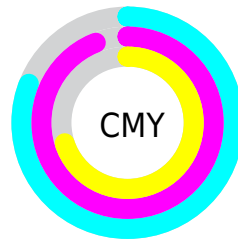
- Red (19%)
- Green (6%)
- Blue (30%)



- Red (19%)
- Yellow (6%)
- Blue (30%)



- Cyan (38%)
- Magenta (81%)
- Yellow (0%)
- Black (70%)



- Cyan (81%)
- Magenta (94%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.9350, 22.2170, 14.0890 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, 22.2170, 14.0890 by changing the saturation by 10% instead.

■ 31.9350, 22.2170,
14.0890

■ 31.9350, 22.2170,
14.0890

■ 249.1300, 2.8939,
5.1480

■ 14.2290, 19.6071,
11.2002

■ 79.2880, 23.5220,
15.5334

■ 4.8220, 13.3988,
-4.2289

■ 103.5270, 24.3902,
17.0778

■ 0.4560, 1.7472,
-0.3999

■ 129.3530, 24.9690,
18.1074

■ 0.0000, 0.0000,
0.0000


■ 155.7660, 25.2584,
18.6222


■ 182.7060, 26.2739,
19.5518


■ 209.6800, 22.3428,


20.4516


 232.6940, 10.9969,
19.5624


 31.9350, 22.2170,
14.0890


 31.9350, 22.2170,
14.0890


 26.0430, 25.1218,
15.7483


 37.8270, 19.3123,
12.4297

 21.0370, 27.5898,
17.5076

 42.8330, 16.8443,
10.6705

 48.7250, 13.9396,
9.0112

 54.3180, 11.1822,
6.7371

 60.2100, 8.2775,
5.0778

■ 65.5150, 5.6621,
3.9333

■ 71.1080, 2.9048,
1.6593

■ 77.0000, 0.0000,
0.0000

■ 82.0060, -2.4680,
-1.7593

Harmonies

Analogous

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



29.8590, 30.6355, -26.1863



31.9350, 22.2170, 14.0890



28.2390, 11.2212, 41.0094

Triad

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



31.9350, 22.2170, 14.0890



31.1200, -15.3422, 20.9428



31.6590, 7.0701, -27.7649

Complementary

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



31.9350, 22.2170, 14.0890



60.0650, -22.2170, -14.0890

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.



27.3100, -7.0548, -23.9509



31.9350, 22.2170, 14.0890



30.1020, -14.8403, -0.0895

Square

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



31.9350, 22.2170, 14.0890



23.8870, -11.7763, 43.9491



24.0670, -11.8650, -21.1068



34.2640, 19.5898, -30.0495

Rectangle

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



31.9350, 22.2170, 14.0890



28.0520, 1.4534, 47.3124



24.0670, -11.8650, -21.1068



30.5190, 2.7021, -26.7652

Sweetspot

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



31.9350, 22.2170, 14.0890



82.2100, 8.2775, 5.0778



39.6780, 18.3997, -21.6426



40.1020, 5.3727, 3.4185



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



31.9350, 22.2170, 14.0890



29.1930, 34.4149, 21.7557



40.4920, 17.5054, 32.0175



35.0540, 1.4524, 0.8296



27.7740, 36.5934, 23.0002



62.6980, 82.4799, 52.0079

Inverse Universe

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



36.8440, 3.5279, 35.2168



36.8340, 5.5048, 54.5196



51.5080, -17.5054, -32.0175



35.4240, 0.2840, 2.2592



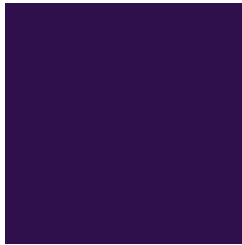
35.9700, 5.9308, 57.9083



80.9680, 12.8338, 130.7011

Previews

White Background



This preview shows how the YUV color 31.9350, 22.2170, 14.0890 looks on a white background.

Color Contrast Check

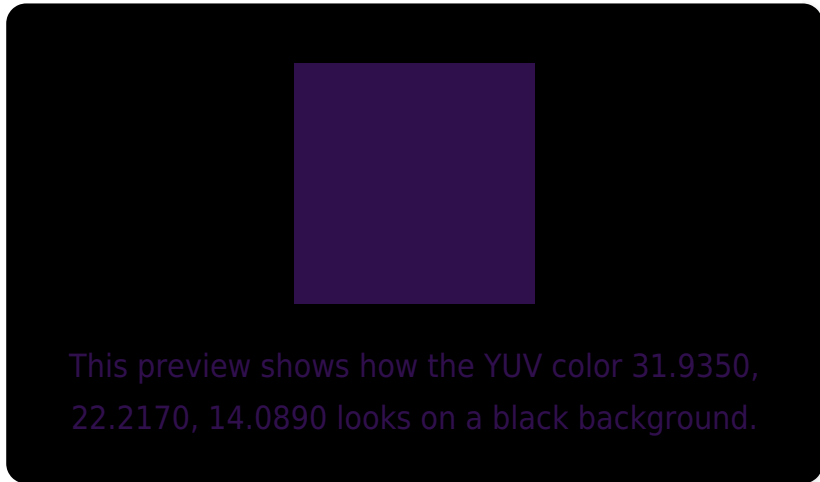
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.2170, 14.0890

Background



This preview shows how black text looks on a background with the YUV color 31.9350, 22.2170, 14.0890.



This preview shows how white text looks on a background with the YUV color 31.9350, 22.2170,

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, 22.2170, 14.0890

Protanopia

27.3510, 21.0260, -23.9868

Deuteranopia

27.4990, 16.5160, -24.1166



Tritanopia

34.4350, 0.2785, 4.0035

Trichromacy



Original Color

31.9350, 22.2170, 14.0890

Protanomaly

28.6670, 21.8562, -10.2320

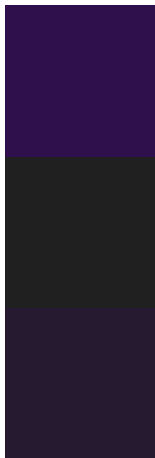
Deuteranomaly

29.1570, 18.6566, -10.6617

Tritanomaly

33.5200, 8.1246, 7.4370

Monochromacy



Original Color

31.9350, 22.2170, 14.0890

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.0960, 7.8407, 5.1778

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.9350, 22.2170, 14.0890 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(48, 15, 77)` looks like.

```
.text, #text, p{  
    color:rgb(48, 15, 77)  
}
```

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(48, 15, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 15, 77) }
```

Border

The CSS property to change the border of an element to YUV 31.9350, 22.2170, 14.0890 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(48, 15, 77) }
```


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

```
.border{ border-color:rgb(48, 15, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 15, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 15, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 15, 77);  
box-shadow:4px 4px 4px 4px rgb(48, 15, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.9350, 22.2170, 14.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 15, 77) }
```

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

```
.background{ background-color: rgb(48, 15,  
77) }
```

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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