

Converting Colors

YUV(31.9490, 51.2971, 20.2157)

Have a look what the booklet for
YUV(31.9490, 51.2971, 20.2157)
contains.

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Color

**YUV(31.9490, 51.2971,
20.2157)**

Conversions

Conversions Part 1

Format	Color
Hex	370088
RGB	55, 0, 136
RGB Percent	22%, 0%, 53%
CMY	0.7843, 1.0000, 0.4667
CMYK	0.60, 1.00, 0.00, 0.47
HSL	264°, 100%, 27%
HSV	264°, 100%, 53%
XYZ	6.0195, 2.5898, 23.4752
YIQ	31.9490, -10.8760, 53.9560

Conversions

Conversions Part 2

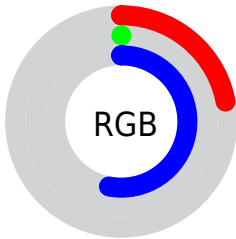
Format	Color
R_{YB}	55, 0, 136
Decimal	3604616
CIE Lab	18.32, 51.37, -60.75
CIE LCh	18, 79.561, 310.216
Yxy	2.5898, 0.1876, 0.0807
Android (android.graphics.Color)	4281794696 (0xFF370088)
YUV	31.9490, 51.2971, 20.2157
Hunter-Lab	16.0929, 38.6049, -75.2233

Details

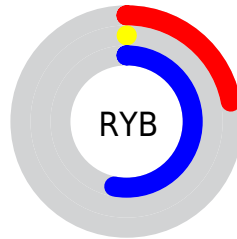
The YUV color **31.9490, 51.2971, 20.2157** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **104.0510, -51.2971, -20.2157**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.6070, 49.9867, 20.5157**, and **9.6900, 37.1278, -8.4981** is the 20% darker color. If you saturate the color by 10%, you get **31.9490, 51.2971, 20.2157**, and if you desaturate by 10%, it is **42.5590, 46.0664, 17.9268**.

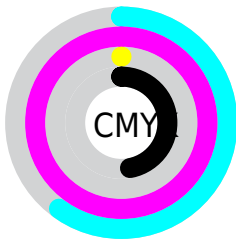
Distribution



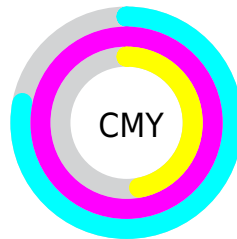
- Red (22%)
- Green (0%)
- Blue (53%)



- Red (22%)
- Yellow (0%)
- Blue (53%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (78%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.9490, 51.2971, 20.2157 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 31.9490, 51.2971, 20.2157 by changing the saturation by 10% instead.

■ 31.9490, 51.2971,
20.2157

■ 31.9490, 51.2971,
20.2157

■ 250.8910, 2.0257,
3.6036

■ 17.9220, 45.3945,
0.0684

■ 89.6070, 49.9867,
20.5157

■ 9.6900, 37.1278,
-8.4981

■ 116.1450, 50.7075,
22.6748

■ 9.7750, 24.7609,
-8.5727

■ 143.0850, 51.7231,
23.6045

■ 5.5060, 16.0195,
-4.8288

■ 167.8160, 42.9817,
27.3484

■ 2.1830, 5.8258,
-1.9145


■ 193.2220, 30.4566,
31.3773


■ 0.0000, 0.0000,
0.0000


■ 216.8450, 18.8104,


33.4619


 233.8680, 10.4181,
18.5328


 31.9490, 51.2971,
20.2157

 42.5590, 46.0664,
17.9268

 52.5820, 41.1251,
16.1526

 63.1920, 35.8943,
13.8636

 73.2150, 30.9530,
12.0894

 83.8250, 25.7223,
9.8005

■ 94.7340, 20.3441,
8.1263

■ 104.7570, 15.4028,
6.3521

■ 115.3670, 10.1721,
4.0631

■ 125.3900, 5.2307,
2.2890

Harmonies

Analogous

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



48.0460, 57.1653, -42.1363



31.9490, 51.2971, 20.2157



45.5700, 19.4390, 65.2751

Triad

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



31.9490, 51.2971, 20.2157



39.5030, -19.4750, 39.9009



44.8640, 9.4340, -39.3457

Complementary

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



31.9490, 51.2971, 20.2157



104.0510, -51.2971, -20.2157

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.



36.3940, -17.9422, -31.9175



31.9490, 51.2971, 20.2157



40.1250, -19.7816, -1.8636

Square

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



31.9490, 51.2971, 20.2157



35.5810, -17.5414, 73.1585



34.0460, -16.7847, -29.8583



51.2480, 33.8947, -44.9445

Rectangle

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



31.9490, 51.2971, 20.2157



45.2390, 1.3612, 76.9664



34.0460, -16.7847, -29.8583



41.9970, 0.9875, -36.8314

Sweetspot

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



31.9490, 51.2971, 20.2157



135.6200, 19.9073, 8.2263



63.6380, 35.6745, -55.8105



64.5350, 12.0612, 4.7928



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



31.9490, 51.2971, 20.2157



41.2930, 66.4106, 26.0530



51.9820, 41.4209, 61.4058



63.6950, 2.6154, 1.1445



31.3080, 50.1342, 19.9009



1.1680, 1.8892, 0.7297

Inverse Universe

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



49.8980, 15.3333, 75.5115



64.5940, 19.9202, 97.7031



84.0180, -41.4209, -61.4058



64.5490, 0.7153, 3.9035



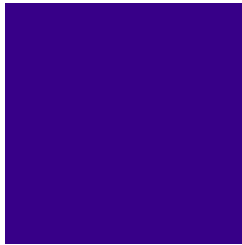
48.7730, 14.9019, 73.8671



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 31.9490, 51.2971, 20.2157 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

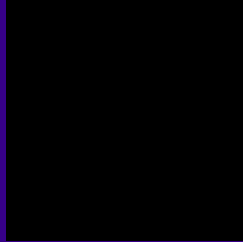
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.9490, 51.2971, 20.2157

Background



This preview shows how black text looks on a background with the YUV color 31.9490, 51.2971, 20.2157.



This preview shows how white text looks on a background with the YUV color 31.9490, 51.2971,

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



Protanopia

38.7610, 29.2048, -33.9934

Deuteranopia

38.8120, 21.7847, -34.0381

Tritanopia

42.9910, 6.9064, -21.9171

Trichromacy



Protanomaly

36.3580, 37.2915, -14.3460

Deuteranomaly

36.3920, 32.3447, -14.3758

Tritanomaly

39.0310, 23.1557, -7.0432

Monochromacy



Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.6800, 18.8918, 7.2966

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.9490, 51.2971, 20.2157 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, 0, 136)` looks like.

```
.text, #text, p{  
  color:rgb(55, 0, 136)  
}
```

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, 0, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 0, 136) }
```

Border

The CSS property to change the border of an element to YUV 31.9490, 51.2971, 20.2157 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, 0, 136) }
```

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

```
.border{ border-color:rgb(55, 0, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 0, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 0, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 0, 136);  
box-shadow:4px 4px 4px 4px rgb(55, 0, 136)  
}
```


Background

The CSS property to change the background color of an element to YUV 31.9490, 51.2971, 20.2157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 0, 136) }
```

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

```
.background{ background-color: rgb(55, 0,  
136) }
```

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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