

Converting Colors

YUV(31.9920, 29.0909, 2.6380)

Have a look what the booklet for
YUV(31.9920, 29.0909, 2.6380)
contains.

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Color

**YUV(31.9920, 29.0909,
2.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	23135B
RGB	35, 19, 91
RGB Percent	14%, 7%, 36%
CMY	0.8627, 0.9255, 0.6431
CMYK	0.62, 0.79, 0.00, 0.64
HSL	253°, 65%, 22%
HSV	253°, 79%, 36%
XYZ	2.8143, 1.5784, 10.0539
YIQ	31.9920, -13.5760, 25.7840

Conversions

Conversions Part 2

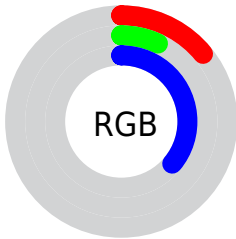
Format	Color
R_{YB}	35, 19, 91
Decimal	2298715
CIE Lab	13.10, 29.26, -40.23
CIE LCh	13, 49.745, 306.033
Yxy	1.5784, 0.1948, 0.1093
Android (android.graphics.Color)	4280488795 (0xFF23135B)
YUV	31.9920, 29.0909, 2.6380
Hunter-Lab	12.5634, 17.9998, -38.6522




Details

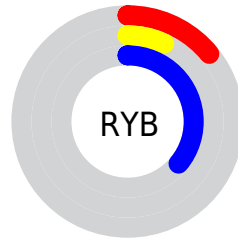
The YUV color **31.9920, 29.0909, 2.6380** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **78.0080, -29.0909, -2.6380**, and the grayscale version is **32.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **79.1820, 30.9693, 6.8564**, and **6.7770, 18.3509, -5.9434** is the 20% darker color. If you saturate the color by 10%, you get **24.6160, 32.7273, 2.9678**, and if you desaturate by 10%, it is **39.3680, 25.4546, 2.3083**.

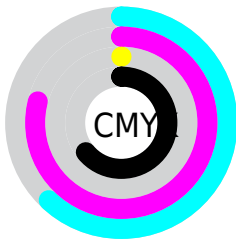
Distribution







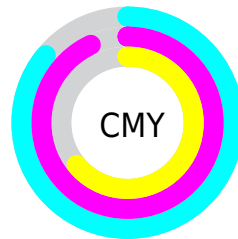
-  Red (14%)
-  Green (7%)
-  Blue (36%)






-  Red (14%)
-  Yellow (7%)
-  Blue (36%)



-  Cyan (62%)
-  Magenta (79%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (86%)
-  Magenta (93%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.9920, 29.0909, 2.6380 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 31.9920, 29.0909, 2.6380 by changing the saturation by 10% instead.

■ 31.9920, 29.0909,
2.6380

■ 31.9920, 29.0909,
2.6380

■ 250.8910, 2.0257,
3.6036

■ 10.0300, 28.0862,
-1.7803

■ 79.1820, 30.9693,
6.8564

■ 6.7770, 18.3509,
-5.9434

■ 104.1220, 31.9849,
7.7860

■ 3.0950, 9.3202,
-2.7143

■ 129.9480, 32.5636,
8.8156


■ 0.0000, 0.0000,
0.0000


■ 156.3010, 33.8686,
10.2600


■ 183.4150, 34.3054,
10.1600


■ 208.1630, 23.0906,


13.8890


 233.2700, 10.7129,
17.3032


 31.9920, 29.0909,
2.6380


 31.9920, 29.0909,
2.6380


 24.6160, 32.7273,
2.9678


 39.3680, 25.4546,
2.3083


 17.2400, 36.3637,
3.2975

 46.7440, 21.8182,
1.9785

 16.3540, 36.8005,
3.1975

 54.1200, 18.1818,
1.6488

 61.4960, 14.5455,
1.3190

 69.4590, 10.6197,
0.4745

■ 76.8350, 6.9833,
0.1447

■ 84.5100, 3.1996,
0.4297

■ 91.8860, -0.4368,
0.1000

■ 99.2620, -4.0732,
-0.2298

Harmonies

Analogous

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



33.6890, 35.1563, -29.5453



31.9920, 29.0909, 2.6380



30.2050, 16.1679, 41.0392

Triad

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



31.9920, 29.0909, 2.6380



30.8760, -15.2219, 29.0497



32.1490, 3.8705, -28.1947

Complementary

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



31.9920, 29.0909, 2.6380



78.0080, -29.0909, -2.6380

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.



27.0020, -13.3120, -23.6808



31.9920, 29.0909, 2.6380



31.6080, -15.5827, 4.7288

Square

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



31.9920, 29.0909, 2.6380



25.1160, -12.3822, 51.6413



24.6540, -12.1544, -21.6216



36.0250, 18.7217, -31.5939

Rectangle

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



31.9920, 29.0909, 2.6380



30.8720, 4.5001, 50.1013



24.6540, -12.1544, -21.6216



30.7810, -1.3710, -26.9949

Sweetspot

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



31.9920, 29.0909, 2.6380



93.9860, 11.3459, 0.8893



60.0800, 15.2436, -36.0272



44.8350, 6.9833, 0.1447



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



31.9920, 29.0909, 2.6380



26.1290, 44.7994, 4.2719



42.7560, 23.7843, 24.7700



41.8690, 2.0366, 0.1149



19.7160, 44.5100, 3.7571



42.8650, 95.7086, 8.8884

Inverse Universe

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



46.9120, 13.8474, 38.6652



49.1070, 21.6392, 59.5422



67.2440, -23.7843, -24.7700



42.9510, 1.0102, 2.6740



42.5800, 20.9131, 59.1273



91.8390, 45.4354, 127.3062

Previews

White Background



This preview shows how the YUV color 31.9920, 29.0909, 2.6380 looks on a white background.

Color Contrast Check

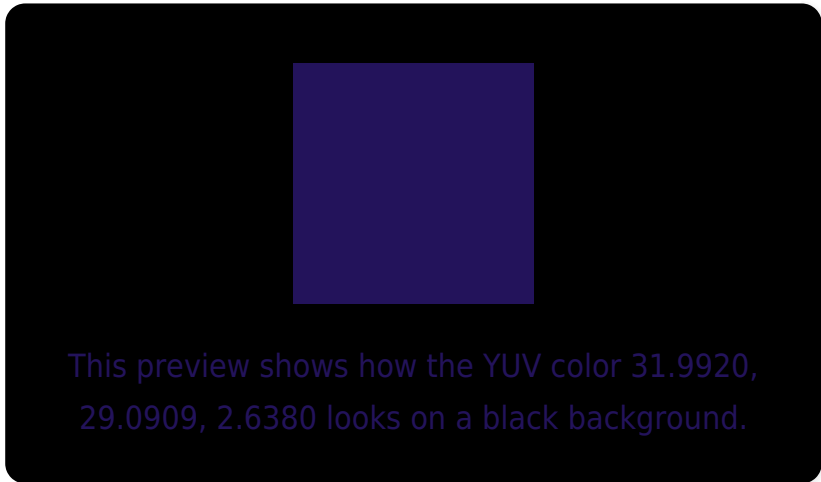
Large Text (above 18pt) WCAG AA ✓ Pass

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

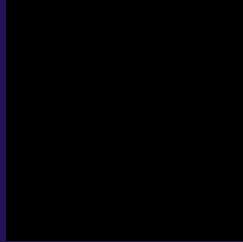
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.9920, 29.0909, 2.6380

Background



This preview shows how black text looks on a background with the YUV color 31.9920, 29.0909, 2.6380.



This preview shows how white text looks on a background with the YUV color 31.9920, 29.0909,

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

31.9920, 29.0909, 2.6380

Protanopia

28.0520, 21.1734, -24.6016

Deuteranopia

28.0860, 16.2266, -24.6314



Tritanopia

29.4750, 6.1748, -20.5876

Trichromacy



Original Color

31.9920, 29.0909, 2.6380

Protanomaly

29.8020, 23.7616, -14.7354

Deuteranomaly

29.7050, 20.8514, -14.6503

Tritanomaly

30.7070, 14.4414, -12.0210

Monochromacy



Original Color

31.9920, 29.0909, 2.6380

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.7580, 10.4723, 1.0892

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.9920, 29.0909, 2.6380 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(35, 19, 91)` looks like.

```
.text, #text, p{  
    color:rgb(35, 19, 91)  
}
```

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(35, 19, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 19, 91) }
```

Border

The CSS property to change the border of an element to YUV 31.9920, 29.0909, 2.6380 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(35, 19, 91) }
```


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

```
.border{ border-color:rgb(35, 19, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 19, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 19, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 19, 91);  
box-shadow:4px 4px 4px 4px rgb(35, 19, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.9920, 29.0909, 2.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 19, 91) }
```

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

```
.background{ background-color: rgb(35, 19,  
91) }
```

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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