

Converting Colors

YUV(31.6920, 50.9308, -2.3609)

Have a look what the booklet for
YUV(31.6920, 50.9308, -2.3609)
contains.

YUV(31.6920, 50.9308, -2.3609)	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(31.6920, 50.9308,
-2.3609)**

Conversions

Conversions Part 1

Format	Color
Hex	1D0D87
RGB	29, 13, 135
RGB Percent	11%, 5%, 53%
CMY	0.8863, 0.9490, 0.4706
CMYK	0.79, 0.90, 0.00, 0.47
HSL	248°, 82%, 29%
HSV	248°, 90%, 53%
XYZ	5.0238, 2.2983, 23.1005
YIQ	31.6920, -29.6260, 41.3340

Conversions

Conversions Part 2

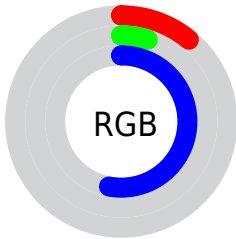
Format	Color
RYB	29, 13, 135
Decimal	1904007
CIELab	16.98, 45.49, -62.42
CIELCh	17, 77.235, 306.080
Yxy	2.2983, 0.1651, 0.0755
Android (android.graphics.Color)	4280094087 (0xFF1D0D87)
YUV	31.6920, 50.9308, -2.3609
Hunter-Lab	15.1602, 32.6208, -79.7313

Details

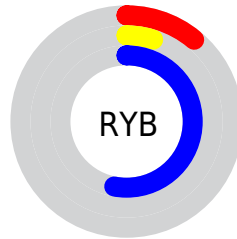
The YUV color **31.6920, 50.9308, -2.3609** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **116.3080, -50.9308, 2.3609**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.1600, 51.1931, 6.8757**, and **9.5760, 36.6910, -8.3982** is the 20% darker color. If you saturate the color by 10%, you get **20.7720, 56.3144, -2.4310**, and if you desaturate by 10%, it is **42.9110, 45.3999, -1.6759**.

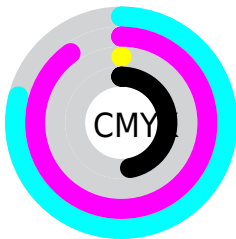
Distribution



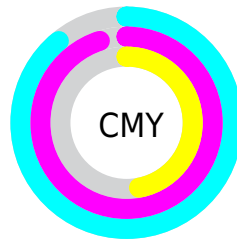
- Red (11%)
- Green (5%)
- Blue (53%)



- Red (11%)
- Yellow (5%)
- Blue (53%)



- Cyan (79%)
- Magenta (90%)
- Yellow (0%)
- Black (47%)



- Cyan (89%)
- Magenta (95%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.6920, 50.9308, -2.3609 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 31.6920, 50.9308, -2.3609 by changing the saturation by 10% instead.

■ 31.6920, 50.9308,
-2.3609

■ 31.6920, 50.9308,
-2.3609

■ 251.4780, 1.7363,
3.0888

■ 12.4260, 47.6110,
-10.8976

■ 86.1600, 51.1931,
6.8757

■ 9.5760, 36.6910,
-8.3982

■ 112.1110, 52.2033,
9.5497

■ 10.2480, 24.0347,
-8.9875

■ 139.3500, 53.0714,
11.0940

■ 5.3920, 15.5827,
-4.7288

■ 164.1950, 44.7669,
14.7380

■ 2.0690, 5.3890,
-1.8145

■ 188.4270, 32.8205,
19.7965

■ 0.0000, 0.0000,
0.0000

■ 213.5340, 20.4427,

23.2107

234.4550, 10.1287,
18.0180

31.6920, 50.9308,
-2.3609

31.6920, 50.9308,
-2.3609

20.7720, 56.3144,
-2.4310

42.9110, 45.3999,
-1.6759

54.4180, 39.7269,
-2.1206

65.6370, 34.1960,
-1.4356

77.4430, 28.3756,
-1.2655

88.6620, 22.8446,
-0.5806

■ 100.1690, 17.1717,
-1.0252

■ 111.3880, 11.6407,
-0.3403

■ 123.1940, 5.8204,
-0.1701

■ 135.0000, 0.0000,
0.0000

Harmonies

Analogous

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



47.3620, 54.5445, -41.5365



31.6920, 50.9308, -2.3609



42.9220, 22.2235, 58.8274

Triad

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



31.6920, 50.9308, -2.3609



34.5190, -17.0179, 45.1488



41.1480, 5.3500, -36.0868

Complementary

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



31.6920, 50.9308, -2.3609



116.3080, -50.9308, 2.3609

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.



34.0460, -16.7847, -29.8583



31.6920, 50.9308, -2.3609



38.6850, -19.0717, 3.7843

Square

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



31.6920, 50.9308, -2.3609



34.6840, -17.0992, 71.3141



31.6980, -15.6271, -27.7991



48.1190, 29.5213, -42.2004

Rectangle

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



31.6920, 50.9308, -2.3609



43.6020, 4.1402, 72.2630



31.6980, -15.6271, -27.7991



38.3950, -2.6597, -33.6724

Sweetspot

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



31.6920, 50.9308, -2.3609



135.5650, 19.9345, -0.4955



90.3040, 22.0351, -67.7956



65.0890, 11.7881, -0.9551



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.



31.6920, 50.9308, -2.3609



26.9410, 73.4861, -3.4563



49.3330, 42.2338, 33.9110



60.9830, 2.4734, 0.0149



19.9030, 54.2778, -2.5459



0.3420, 1.3104, -0.2999

Inverse Universe

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



61.5620, 28.3169, 64.4051



70.0660, 40.8865, 92.9041



98.6670, -42.2338, -33.9110



62.3640, 1.2995, 3.1888



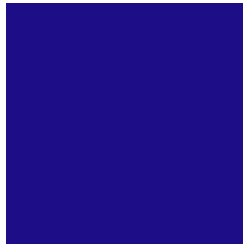
51.7520, 30.1953, 68.6235



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 31.6920, 50.9308, -2.3609 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

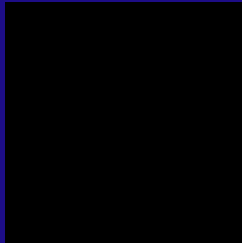
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.6920, 50.9308, -2.3609

Background



This preview shows how black text looks on a background with the YUV color 31.6920, 50.9308, -2.3609.



This preview shows how white text looks on a background with the YUV color 31.6920, 50.9308, -2.3609.

-2.3609.

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

31.6920, 50.9308, -2.3609

Protanopia

34.8000, 26.7206, -30.5196

Deuteranopia

34.9650, 19.7373, -30.6643



Tritanopia

34.5770, 8.0965, -30.3240

Trichromacy



Original Color

31.6920, 50.9308, -2.3609

Protanomaly

33.5700, 35.7080, -19.7939

Deuteranomaly

33.7180, 31.1980, -19.9237

Tritanomaly

33.7690, 23.7779, -19.9684

Monochromacy



Original Color

31.6920, 50.9308, -2.3609

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.8100, 18.3347, -0.7104

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.6920, 50.9308, -2.3609 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(29, 13, 135)` looks like.

```
.text, #text, p{  
    color:rgb(29, 13, 135)  
}
```

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(29, 13, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 13, 135) }
```

Border

The CSS property to change the border of an element to YUV 31.6920, 50.9308, -2.3609 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(29, 13, 135) }
```


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

```
.border{ border-color:rgb(29, 13, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 13, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 13, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 13, 135);  
box-shadow:4px 4px 4px 4px rgb(29, 13,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 31.6920, 50.9308, -2.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 13, 135) }
```

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

```
.background{ background-color: rgb(29, 13,  
135) }
```

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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