

Converting Colors

YUV(29.8920, 0.5462, 11.4957)

Have a look what the booklet for
YUV(29.8920, 0.5462, 11.4957)
contains.

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Color

**YUV(29.8920, 0.5462,
11.4957)**

Conversions

Conversions Part 1

Format	Color
Hex	2B171F
RGB	43, 23, 31
RGB Percent	17%, 9%, 12%
CMY	0.8314, 0.9098, 0.8784
CMYK	0.00, 0.47, 0.28, 0.83
HSL	336°, 30%, 13%
HSV	336°, 47%, 17%
XYZ	1.5500, 1.2253, 1.4511
YIQ	29.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

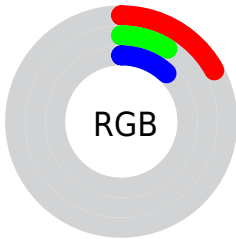
Format	Color
RYB	43, 23, 31
Decimal	2823967
CIELab	10.74, 11.52, -1.31
CIELCh	11, 11.598, 353.514
Yxy	1.2253, 0.3667, 0.2899
Android (android.graphics.Color)	4281014047 (0xFF2B171F)
YUV	29.8920, 0.5462, 11.4957
Hunter-Lab	11.0694, 5.6229, -0.0240

Details

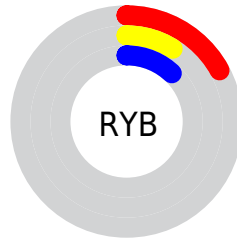
The YUV color **29.8920, 0.5462, 11.4957** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36.1080, -0.5462, -11.4957**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.9030, 0.5408, 13.2401**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.2020, 0.3934, 13.8548**, and if you desaturate by 10%, it is **32.5820, 0.6991, 9.1366**.

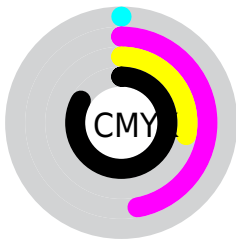
Distribution



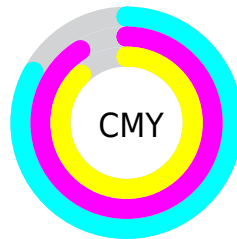
- Red (17%)
- Green (9%)
- Blue (12%)



- Red (17%)
- Yellow (9%)
- Blue (12%)



- Cyan (0%)
- Magenta (47%)
- Yellow (28%)
- Black (83%)



- Cyan (83%)
- Magenta (91%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.8920, 0.5462, 11.4957 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 29.8920, 0.5462, 11.4957 by changing the saturation by 10% instead.

■ 29.8920, 0.5462,
11.4957

■ 29.8920, 0.5462,
11.4957

■ 252.0650, 1.4470,
2.5740

■ 8.1590, -1.0644,
14.7696

■ 73.9030, 0.5408,
13.2401

■ 0.0000, 0.0000,
0.0000

■ 98.0880, -0.0434,
13.9548


■ 122.8000, 0.0986,
15.0844


■ 148.8000, 0.0986,
15.0844

■ 175.2130, 0.3880,
15.5992


■ 202.5120, 0.2406,


16.2140


 230.8110, 0.0932,
16.8288

 29.8920, 0.5462,
11.4957


 29.8920, 0.5462,
11.4957

 27.2020, 0.3934,
13.8548


 32.5820, 0.6991,
9.1366


 24.0390, 0.9668,
16.6288


 35.7450, 0.1257,
6.3626


 21.3490, 0.8139,
18.9879

 38.4350, 0.2785,
4.0035

 18.7730, 1.0979,
21.2471

 41.0110, -0.0054,
1.7444

 16.0830, 0.9451,
23.6062

 44.2880, -0.1420,
-1.1296

■ 14.7950, 1.0871,
24.7358

■ 46.8640, -0.4260,
-3.3887

■ 49.5540, -0.2731,
-5.7479

■ 52.2440, -0.1203,
-8.1070

■ 55.4070, -0.6937,
-10.8809

Harmonies

Analogous

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



30.0700, 3.9095, 6.0776



29.8920, 0.5462, 11.4957



29.2790, -3.0955, 12.9103

Triad

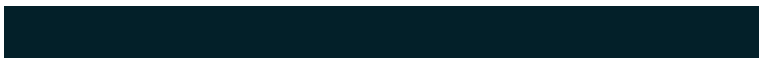
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.8920, 0.5462, 11.4957



27.4640, -7.1308, 0.4701



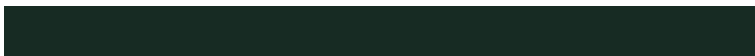
24.3550, 8.2060, -18.7283

Complementary

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



29.8920, 0.5462, 11.4957



36.1080, -0.5462, -11.4957

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.



23.9590, 5.4432, -19.2580



29.8920, 0.5462, 11.4957



26.6310, -3.7621, -6.6924

Square

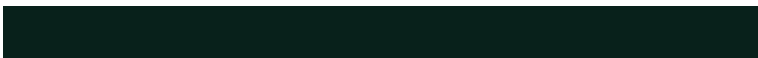
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.8920, 0.5462, 11.4957



28.4540, -8.6048, 6.6178



24.8410, 1.0644, -14.7696



27.1110, 8.3263, -10.6213

Rectangle

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



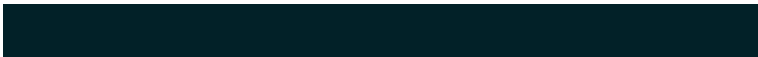
29.8920, 0.5462, 11.4957



28.9970, -5.4215, 12.2806



24.8410, 1.0644, -14.7696



24.5290, 7.6272, -19.7579

Sweetspot

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



29.8920, 0.5462, 11.4957



50.7340, 0.1311, 4.6183



28.8680, 6.9671, 5.3778



24.7230, 0.1366, 2.8739



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



29.8920, 0.5462, 11.4957



35.6370, 0.6720, 17.8584



30.1540, -3.5269, 11.2659



18.7120, 0.1420, 1.1296



28.9920, 2.4689, 48.2420



73.0780, 5.8775, 121.8346

Inverse Universe

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



29.8920, 0.5462, 11.4957



35.6370, 0.6720, 17.8584



35.8460, 3.5269, -11.2659



18.7120, 0.1420, 1.1296



28.9920, 2.4689, 48.2420



73.0780, 5.8775, 121.8346

Previews

White Background



This preview shows how the YUV color 29.8920, 0.5462, 11.4957 looks on a white background.

Color Contrast Check

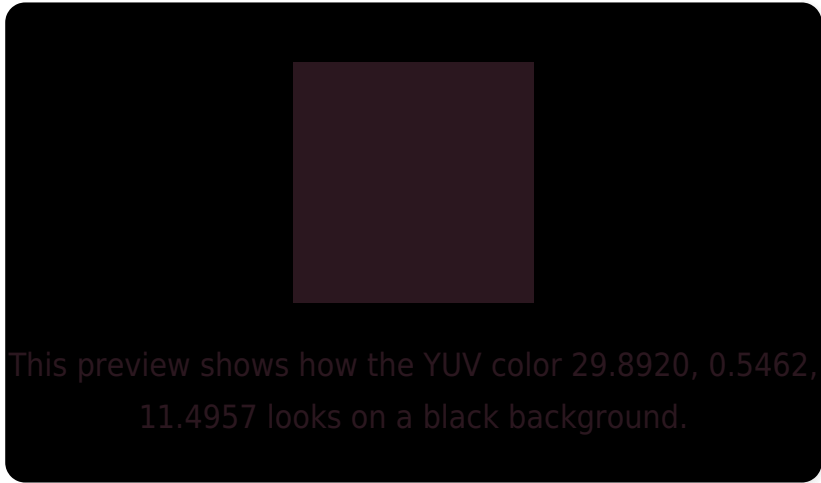
Large Text (above 18pt) WCAG AA ✓ Pass

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

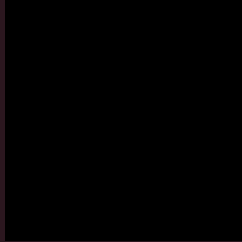
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.8920, 0.5462, 11.4957

Background



This preview shows how black text looks on a background with the YUV color 29.8920, 0.5462, 11.4957.

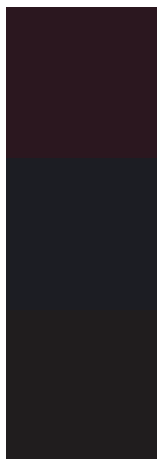


This preview shows how white text looks on a background with the YUV color 29.8920, 0.5462, 11.4957.

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

29.8920, 0.5462, 11.4957

Protanopia

29.3850, 2.7682, -1.2146

Deuteranopia

30.0110, -0.0054, 1.7444



Tritanopia

29.9090, -1.9271, 11.4808

Trichromacy



Original Color

29.8920, 0.5462, 11.4957

Protanomaly

29.5920, 2.1731, 2.9888

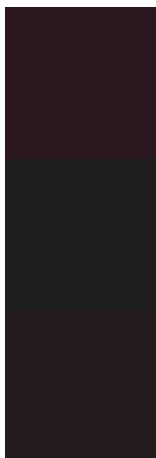
Deuteranomaly

30.0330, -0.0163, 5.2331

Tritanomaly

30.1370, -1.0535, 11.2809

Monochromacy



Original Color

29.8920, 0.5462, 11.4957

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.7340, 0.1311, 4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.8920, 0.5462, 11.4957 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(43, 23, 31)` looks like.

```
.text, #text, p{  
    color:rgb(43, 23, 31)  
}
```

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(43, 23, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 23, 31) }
```

Border

The CSS property to change the border of an element to YUV 29.8920, 0.5462, 11.4957 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(43, 23, 31) }
```


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

```
.border{ border-color:rgb(43, 23, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 23, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 23, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 23, 31);  
box-shadow:4px 4px 4px 4px rgb(43, 23, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.8920, 0.5462, 11.4957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 23, 31) }
```

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

```
.background{ background-color: rgb(43, 23,  
31) }
```

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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