

Converting Colors

XYZ(27.5328, 31.4086, 4.6113)

Have a look what the booklet for
XYZ(27.5328, 31.4086, 4.6113)
contains.

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Color

**XYZ(27.4920, 31.3267,
4.5977)**

Conversions

Conversions Part 1

Format	Color
Hex	A79A00
RGB	167, 154, 0
RGB Percent	65%, 60%, 0%
CMY	0.3451, 0.3961, 0.9999
CMYK	0.00, 0.08, 1.00, 0.35
HSL	55°, 100%, 33%
HSV	55°, 100%, 65%
XYZ	27.4920, 31.3267, 4.5977
YIQ	140.3310, 57.1820, -45.1380

Conversions

Conversions Part 2

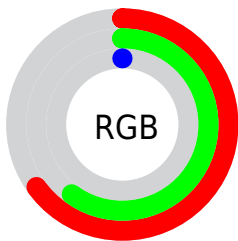
Format	Color
R _Y B	14, 167, 0
Decimal	10983936
CIE Lab	62.78, -8.91, 66.19
CIE LCh	63, 66.784, 97.668
Yxy	31.3267, 0.4335, 0.4940
Android (android.graphics.Color)	4289174016 (0xFFA79A00)
YUV	140.3310, -69.1832, 23.3887
Hunter-Lab	55.9703, -10.2706, 34.3088

Details

The XYZ color **27.4920, 31.3267, 4.5977** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.1192, 3.0782, 36.7780**, and the grayscale version is **25.3030, 26.6208, 28.9900**.

A 20% lighter version of the original color is **55.1225, 61.7615, 15.3192**, and **11.2807, 13.0155, 1.9177** is the 20% darker color. If you saturate the color by 10%, you get **27.4924, 31.3278, 4.5979**, and if you desaturate by 10%, it is **27.8073, 31.7991, 5.1909**.

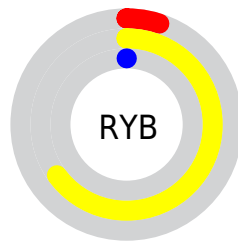
Distribution



Red (65%)

Green (60%)

Blue (0%)



Red (5%)

Yellow (65%)

Blue (0%)

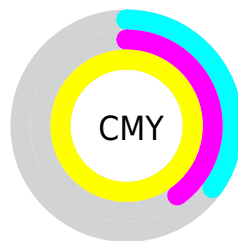


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4920, 31.3267, 4.5977 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 XYZ color 27.4920, 31.3267, 4.5977 by changing the saturation by 10% instead.

■ 27.4920, 31.3267,
4.5977

■ 27.4920, 31.3267,
4.5977

282.1558,
308.0406, 154.6536

■ 18.0816, 20.8477,
1.9586

■ 55.0867, 61.7541,
15.3663

■ 11.1086, 13.0128,
0.5297

■ 74.0017, 82.4713,
24.3330

■ 6.2078, 7.4373,
0.0000

■ 96.8156, 107.3700,
36.2459

■ 3.0137, 3.7371,
0.0000

■ 123.8937,
136.8347, 51.5237

■ 1.1610, 1.5276,
0.0000

■ 155.6014,
171.2497, 70.5848

■ 0.0752, 0.3080,
0.0000


■ 192.3041,


■ 0.0000, 0.0000,


210.9994, 93.8478


0.0000


 234.3671,
256.4683, 121.7312


 27.4920, 31.3267,
4.5977


 27.4920, 31.3267,
4.5977


 27.4924, 31.3278,
4.5979

 27.8073, 31.7991,
5.1909

 28.2067, 32.3077,
6.2188

 28.7249, 32.8675,
7.8606

 29.3769, 33.4846,
10.1958

 30.1757, 34.1642,
13.2919

■ 31.1324, 34.9107,
17.2085

■ 32.2574, 35.7284,
21.9992

■ 33.5599, 36.6208,
27.7130

■ 35.0485, 37.5915,
34.3954

Harmonies

Analogous

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



36.9614, 31.3267, 5.5280



27.4920, 31.3267, 4.5977



20.2784, 31.3267, 7.7732

Triad

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



27.4920, 31.3267, 4.5977



17.9219, 31.3267, 75.0164



49.1601, 31.3267, 57.0202

Complementary

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



27.4920, 31.3267, 4.5977



7.1192, 3.0782, 36.7780

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.



41.8520, 31.3267, 91.4441



27.4920, 31.3267, 4.5977



23.5864, 31.3267, 105.0210

Square

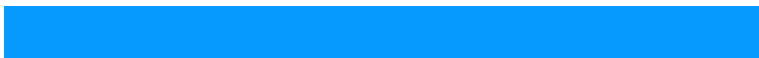
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27.4920, 31.3267, 4.5977



15.5378, 31.3267, 41.2727



32.1812, 31.3267, 112.2133



50.7992, 31.3267, 27.8270

Rectangle

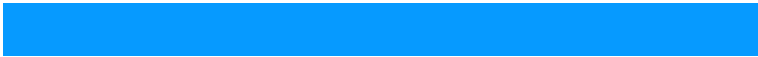
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.4920, 31.3267, 4.5977



17.2614, 31.3267, 13.6570



32.1812, 31.3267, 112.2133



47.2221, 31.3267, 68.7129

Sweetspot

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



27.4927, 31.3282, 4.5983



57.6520, 63.9034, 38.8838



16.0152, 8.2473, 1.1607



12.7118, 14.1646, 7.8876



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.4927, 31.3282, 4.5983



49.1680, 55.9674, 8.2114



18.7936, 30.2020, 4.8394



8.0962, 8.6724, 8.0365



21.0539, 24.0050, 3.5238



0.5264, 0.6124, 0.0905

Inverse Universe

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



7.1192, 3.0782, 36.7780



12.6903, 5.3936, 65.8475



9.4716, 4.0773, 36.8468



7.1770, 7.3909, 9.4667



5.4630, 2.3862, 28.1481



0.1471, 0.0864, 0.6896

Previews

White Background



This preview shows how the XYZ color 27.4920, 31.3267, 4.5977 looks on a white 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

Black Background



This preview shows how the XYZ color 27.4920, 31.3267, 4.5977 looks on a black 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

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

XYZ 27.4920, 31.3267, 4.5977

Background



This preview shows how black text looks on a background with the XYZ color 27.4920, 31.3267, 4.5977.



This preview shows how white text looks on a background with the XYZ color 27.4920, 31.3267,

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

27.4920, 31.3267, 4.5977

Protanopia

28.2415, 31.2271, 4.5390

Deuteranopia

31.8468, 31.2071, 5.0545



Tritanopia

33.5597, 31.2081, 34.8268

Trichromacy



Original Color

27.4920, 31.3267, 4.5977

Protanomaly

27.9688, 31.3285, 4.5729

Deuteranomaly

30.1910, 31.2761, 4.8264

Tritanomaly

29.8719, 30.6335, 15.8937

Monochromacy



Original Color

27.4920, 31.3267, 4.5977

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.5062, 27.4561, 13.4591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4920, 31.3267, 4.5977 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(167, 154, 0)` looks like.

```
.text, #text, p{  
    color:rgb(167, 154, 0)  
}
```

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(167, 154, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 154, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.4920, 31.3267, 4.5977 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(167, 154, 0) }
```


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

```
.border{ border-color:rgb(167, 154, 0) }
```

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

Here you see how a box with a 4 pixel rgb(167, 154, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 154, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 154, 0);  
box-shadow:4px 4px 4px 4px rgb(167, 154,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4920, 31.3267, 4.5977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 154, 0) }
```

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

```
.background{ background-color: rgb(167,  
154, 0) }
```

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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