

Converting Colors

XYZ(27.9342, 36.9113, 5.8011)

Have a look what the booklet for
XYZ(27.9342, 36.9113, 5.8011)
contains.

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Color

**XYZ(27.9259, 36.8624,
5.7869)**

Conversions

Conversions Part 1	
Format	Color
Hex	97AE05
RGB	151, 174, 5
RGB Percent	59%, 68%, 2%
CMY	0.4078, 0.3176, 0.9803
CMYK	0.13, 0.00, 0.97, 0.32
HSL	68°, 94%, 35%
HSV	68°, 97%, 68%
XYZ	27.9259, 36.8624, 5.7869
YIQ	147.8570, 40.5410, -57.4350

Conversions

Conversions Part 2

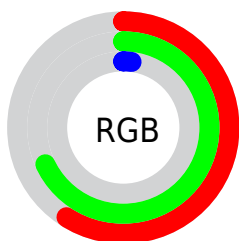
Format	Color
RYB	5, 174, 28
Decimal	9940485
CIELab	67.17, -26.11, 68.21
CIELCh	67, 73.033, 110.946
Yxy	36.8624, 0.3957, 0.5223
Android (android.graphics.Color)	4288130565 (0xFF97AE05)
YUV	147.8570, -70.4285, 2.7564
Hunter-Lab	60.7144, -24.1483, 36.8490

Details

The XYZ color **27.9259, 36.8624, 5.7869** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **8.1744, 3.4123, 40.2745**, and the grayscale version is **28.3629, 29.8399, 32.4957**.

A 20% lighter version of the original color is **55.7251, 70.1584, 18.0020**, and **11.6788, 16.3520, 2.5407** is the 20% darker color. If you saturate the color by 10%, you get **27.7728, 36.7879, 5.6370**, and if you desaturate by 10%, it is **28.4922, 37.1416, 6.4477**.

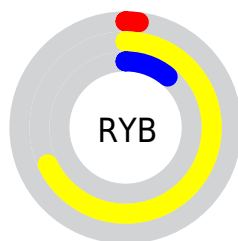
Distribution



Red (59%)

Green (68%)

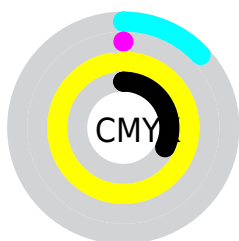
Blue (2%)



Red (2%)

Yellow (68%)

Blue (11%)

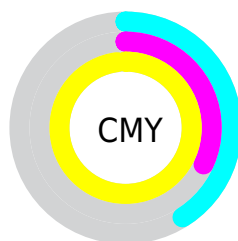


Cyan (13%)

Magenta (0%)

Yellow (97%)

Black (32%)



Cyan (41%)


Magenta (32%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9259, 36.8624, 5.7869 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 27.9259, 36.8624, 5.7869 by changing the saturation by 10% instead.


 27.9259, 36.8624,
5.7869


 27.9259, 36.8624,
5.7869


284.1992,
332.7144, 166.3934


 18.4100, 25.1010,
2.6493


 55.7756, 70.3611,
17.9569


 11.3462, 16.1523,
0.9177


 74.8401, 92.8672,
27.8264

 6.3692, 9.6320,
0.0000


 97.8181, 119.7236,
40.7769

 3.1136, 5.1556,
0.0000

 125.0751,
151.3147, 57.2269

 1.2141, 2.3389,
0.0000

 156.9763,
188.0250, 77.5950

 0.1175, 0.7942,
0.0000

 193.8871,

 0.0000, 0.0000,

230.2387, 102.2998

0.0000

236.1730,
278.3404, 131.7598

■ 27.9259, 36.8624,
5.7869

■ 27.9259, 36.8624,
5.7869

■ 27.7728, 36.7879,
5.6370

■ 28.4922, 37.1416,
6.4477

■ 29.1763, 37.4675,
7.6855

■ 30.0023, 37.8513,
9.6243

■ 30.9862, 38.2993,
12.3479

■ 32.1418, 38.8169,
15.9281

■ 33.4812, 39.4092,
20.4290

■ 35.0154, 40.0804,
25.9083

■ 36.7546, 40.8347,
32.4190

■ 38.7083, 41.6758,
40.0105

Harmonies

Analogous

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



38.5155, 36.8624, 4.9290



27.9259, 36.8624, 5.7869



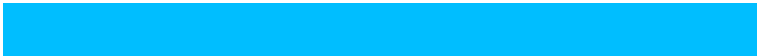
20.9005, 36.8624, 12.5714

Triad

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



27.9259, 36.8624, 5.7869



23.2031, 36.8624, 109.0742



60.7216, 36.8624, 50.5815

Complementary

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



27.9259, 36.8624, 5.7869



8.1744, 3.4123, 40.2745

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.



54.4336, 36.8624, 92.4984



27.9259, 36.8624, 5.7869



31.7738, 36.8624, 136.2608

Square

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



27.9259, 36.8624, 5.7869



18.6024, 36.8624, 66.2926



43.2622, 36.8624, 128.9674



59.0800, 36.8624, 21.9636

Rectangle

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



27.9259, 36.8624, 5.7869



18.4443, 36.8624, 23.2610



43.2622, 36.8624, 128.9674



59.4232, 36.8624, 63.6699

Sweetspot

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



27.9267, 36.8641, 5.7877



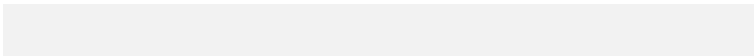
62.8108, 72.3927, 44.4431



17.8887, 9.8195, 1.0966



13.6997, 15.9760, 8.9445



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.9267, 36.8641, 5.7877



50.2343, 66.6538, 10.2178



17.4778, 31.4774, 5.2987



8.5538, 9.2741, 8.5526



20.1793, 26.6999, 4.0900



0.5904, 0.7577, 0.1151

Inverse Universe

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



8.1744, 3.4123, 40.2745



14.4202, 5.8330, 73.0027



14.3824, 6.6126, 40.5651



7.6766, 7.8076, 10.0551



5.8397, 2.3704, 29.1942



0.1933, 0.0818, 0.8136

Previews

White Background



This preview shows how the XYZ color 27.9259, 36.8624, 5.7869 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 27.9259, 36.8624, 5.7869 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 27.9259, 36.8624, 5.7869

Background



This preview shows how black text looks on a background with the XYZ color 27.9259, 36.8624, 5.7869.



This preview shows how white text looks on a background with the XYZ color 27.9259, 36.8624,

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

27.9259, 36.8624, 5.7869

Protanopia

33.0426, 36.7413, 5.3502

Deuteranopia

37.4093, 36.6582, 6.3324



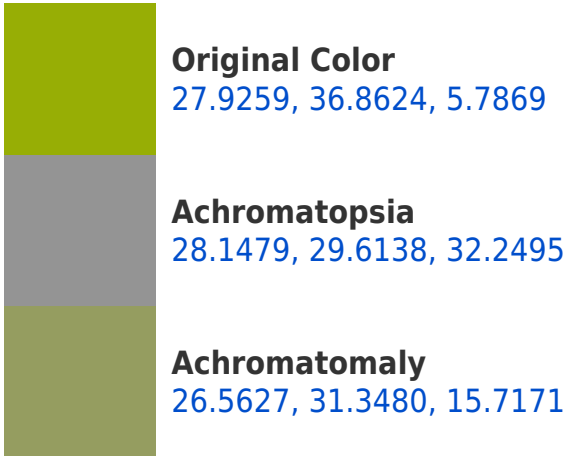
Tritanopia

35.8702, 36.7892, 45.2549

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9259, 36.8624, 5.7869 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(151, 174, 5)` looks like.

```
.text, #text, p{  
    color:rgb(151, 174, 5)  
}
```

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(151, 174, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 174, 5) }
```

Border

The CSS property to change the border of an element to XYZ 27.9259, 36.8624, 5.7869 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(151, 174, 5) }
```


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

```
.border{ border-color:rgb(151, 174, 5) }
```

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

Here you see how a box with a 4 pixel rgb(151, 174, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 174, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 174, 5);  
box-shadow:4px 4px 4px 4px rgb(151, 174,  
5) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9259, 36.8624, 5.7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 174, 5) }
```

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

```
.background{ background-color: rgb(151,  
174, 5) }
```

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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