

Converting Colors

XYZ(27.9501, 36.7063, 5.6119)

Have a look what the booklet for
XYZ(27.9501, 36.7063, 5.6119)
contains.

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Color

**XYZ(27.8925, 36.5625,
5.5872)**

Conversions

Conversions Part 1

Format	Color
Hex	98AD00
RGB	152, 173, 0
RGB Percent	60%, 68%, 0%
CMY	0.4039, 0.3216, 0.9999
CMYK	0.12, 0.00, 1.00, 0.32
HSL	67°, 100%, 34%
HSV	67°, 100%, 68%
XYZ	27.8925, 36.5625, 5.5872
YIQ	146.9990, 43.0170, -58.2550

Conversions

Conversions Part 2

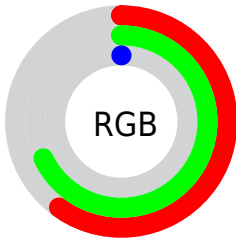
Format	Color
RYB	0, 173, 21
Decimal	10005760
CIELab	66.95, -25.27, 68.69
CIELCh	67, 73.192, 110.194
Yxy	36.5625, 0.3982, 0.5220
Android (android.graphics.Color)	4288195840 (0xFF98AD00)
YUV	146.9990, -72.4705, 4.3859
Hunter-Lab	60.4669, -23.4777, 36.8484

Details

The XYZ color **27.8925, 36.5625, 5.5872** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.8531, 3.1773, 39.7367**, and the grayscale version is **28.0124, 29.4712, 32.0941**.

A 20% lighter version of the original color is **55.6613, 69.7243, 17.5456**, and **11.6612, 16.1615, 2.5049** is the 20% darker color. If you saturate the color by 10%, you get **27.8928, 36.5639, 5.5874**, and if you desaturate by 10%, it is **28.3936, 36.8101, 6.1520**.

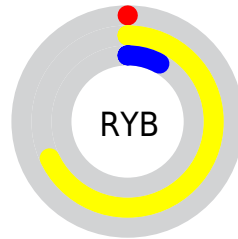
Distribution



Red (60%)

Green (68%)

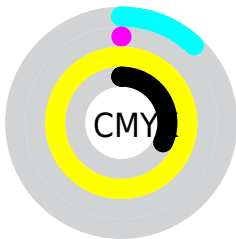
Blue (0%)



Red (0%)

Yellow (68%)

Blue (8%)

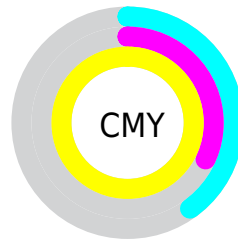


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (40%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8925, 36.5625, 5.5872 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 27.8925, 36.5625, 5.5872 by changing the saturation by 10% instead.

■ 27.8925, 36.5625,
5.5872

■ 27.8925, 36.5625,
5.5872

284.0423,
331.4125, 164.5043

■ 18.3847, 24.8689,
2.5310

■ 55.7226, 69.8994,
17.5305

■ 11.3279, 15.9794,
0.8565

■ 74.7756, 92.3115,
27.2547

■ 6.3567, 9.5096,
0.0000

■ 97.7411, 119.0653,
40.0388

■ 3.1059, 5.0750,
0.0000

■ 124.9843,
150.5451, 56.3011

■ 1.2100, 2.2914,
0.0000

■ 156.8707,
187.1353, 76.4603

■ 0.1143, 0.7691,
0.0000

■ 193.7656,

■ 0.0000, 0.0000,

229.2203, 100.9348

0.0000

236.0343,
277.1846, 130.1434

27.8925, 36.5625,
5.5872

27.8925, 36.5625,
5.5872

27.8928, 36.5639,
5.5874

28.3936, 36.8101,
6.1520

28.9914, 37.0958,
7.1928

29.7224, 37.4357,
8.8985

30.6032, 37.8363,
11.3561

31.6478, 38.3032,
14.6395

■ 32.8687, 38.8415,
18.8136

■ 34.2769, 39.4555,
23.9370

■ 35.8827, 40.1494,
30.0632

■ 37.6956, 40.9270,
37.2418

Harmonies

Analogous

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



38.5146, 36.5625, 4.8488



27.8925, 36.5625, 5.5872



20.7993, 36.5625, 12.1006

Triad

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



27.8925, 36.5625, 5.5872



22.8008, 36.5625, 107.6467



60.3097, 36.5625, 51.1539

Complementary

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



27.8925, 36.5625, 5.5872



7.8531, 3.1773, 39.7367

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.



53.8608, 36.5625, 93.1612



27.8925, 36.5625, 5.5872



31.2420, 36.5625, 135.5207

Square

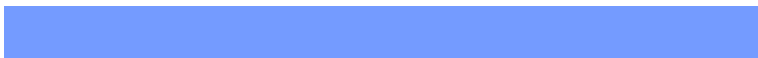
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27.8925, 36.5625, 5.5872



18.3231, 36.5625, 64.8573



42.6519, 36.5625, 129.1416



58.8769, 36.5625, 22.2187

Rectangle

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



27.8925, 36.5625, 5.5872



18.2909, 36.5625, 22.4836



42.6519, 36.5625, 129.1416



58.9472, 36.5625, 64.3199

Sweetspot

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



27.8933, 36.5642, 5.5880



61.2416, 70.5970, 42.3329



17.4883, 9.3921, 0.8916



13.0787, 15.2421, 8.3508



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.8933, 36.5642, 5.5880



49.8293, 65.4175, 10.0006



17.2135, 31.0585, 5.0882



8.5655, 9.2801, 8.5532



20.5225, 26.8768, 4.1061



0.5972, 0.7613, 0.1155

Inverse Universe

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



7.8531, 3.1773, 39.7367



13.9674, 5.6399, 71.1582



13.5699, 6.1245, 40.0042



7.6659, 7.8021, 10.0546



5.7958, 2.3477, 29.1922



0.1890, 0.0796, 0.8134

Previews

White Background



This preview shows how the XYZ color 27.8925, 36.5625, 5.5872 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 27.8925, 36.5625, 5.5872 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 27.8925, 36.5625, 5.5872

Background



This preview shows how black text looks on a background with the XYZ color 27.8925, 36.5625, 5.5872.



This preview shows how white text looks on a background with the XYZ color 27.8925, 36.5625,

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

27.8925, 36.5625, 5.5872

Protanopia

32.8644, 36.3847, 5.2908

Deuteranopia

36.9542, 36.1790, 6.1980



Tritanopia

35.8047, 36.5062, 44.6945

Trichromacy



Original Color

27.8925, 36.5625, 5.5872

Protanomaly

30.8320, 36.4081, 5.4024

Deuteranomaly

33.1038, 35.9725, 5.7709

Tritanomaly

30.7668, 35.5096, 19.9843

Monochromacy



Original Color

27.8925, 36.5625, 5.5872

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.3033, 30.9746, 15.1820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8925, 36.5625, 5.5872 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(152, 173, 0)` looks like.

```
.text, #text, p{  
    color:rgb(152, 173, 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(152, 173, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 173, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.8925, 36.5625, 5.5872 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(152, 173, 0) }
```


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

```
.border{ border-color:rgb(152, 173, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 173, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 173, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 173, 0);  
box-shadow:4px 4px 4px 4px rgb(152, 173,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8925, 36.5625, 5.5872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 173, 0) }
```

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

```
.background{ background-color: rgb(152,  
173, 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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