

Converting Colors

XYZ(25.3559, 28.5576, 4.2906)

Have a look what the booklet for
XYZ(25.3559, 28.5576, 4.2906)
contains.

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Color

**XYZ(25.3559, 28.5576,
4.2906)**

Conversions

Conversions Part 1

Format	Color
Hex	A29304
RGB	162, 147, 4
RGB Percent	64%, 58%, 2%
CMY	0.3647, 0.4235, 0.9843
CMYK	0.00, 0.09, 0.98, 0.36
HSL	54°, 95%, 33%
HSV	54°, 98%, 64%
XYZ	25.3559, 28.5576, 4.2906
YIQ	135.1830, 54.8430, -41.2930

Conversions

Conversions Part 2

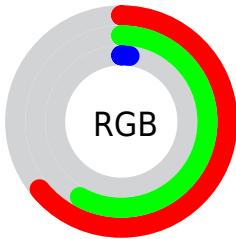
Format	Color
RYB	21, 162, 4
Decimal	10654468
CIELab	60.39, -7.39, 63.65
CIELCh	60, 64.075, 96.624
Yxy	28.5576, 0.4356, 0.4906
Android (android.graphics.Color)	4288844548 (0xFFA29304)
YUV	135.1830, -64.6732, 23.5185
Hunter-Lab	53.4393, -8.8241, 32.6472

Details

The XYZ color **25.3559, 28.5576, 4.2906** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.8047, 3.1004, 34.4218**, and the grayscale version is **23.3168, 24.5311, 26.7144**.

A 20% lighter version of the original color is **51.9080, 57.6265, 14.6905**, and **10.2186, 11.6136, 1.7031** is the 20% darker color. If you saturate the color by 10%, you get **25.2755, 28.4320, 4.1558**, and if you desaturate by 10%, it is **25.7034, 29.0829, 4.9305**.

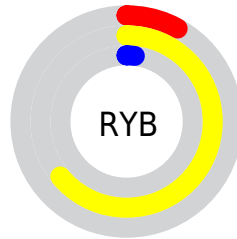
Distribution



Red (64%)

Green (58%)

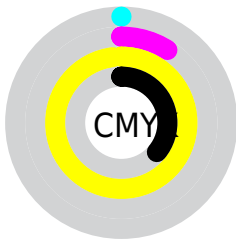
Blue (2%)



Red (8%)

Yellow (64%)

Blue (2%)

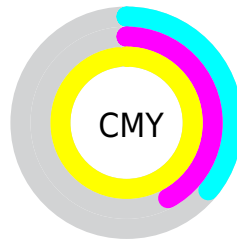


Cyan (0%)

Magenta (9%)

Yellow (98%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3559, 28.5576, 4.2906 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 25.3559, 28.5576, 4.2906 by changing the saturation by 10% instead.

■ 25.3559, 28.5576,
4.2906

■ 25.3559, 28.5576,
4.2906

271.9208,
295.1218, 151.4026

■ 16.4726, 18.7464,
1.7861

■ 51.6728, 57.3735,
14.6746

■ 9.9521, 11.4872,
0.4188

■ 69.8370, 77.1469,
23.3912

■ 5.4292, 6.3955,
0.0000

■ 91.8255, 101.0099,
35.0155

■ 2.5386, 3.0870,
0.0000

■ 118.0038,
129.3468, 49.9662

■ 0.9147, 1.1773,
0.0000

■ 148.7371,
162.5421, 68.6617

■ 0.0000, 0.0431,
0.0000

■ 184.3908,

■ 0.0000, 0.0000,

200.9801, 91.5205

0.0000

225.3302,
245.0452, 118.9613

25.3559, 28.5576,
4.2906

25.3559, 28.5576,
4.2906

25.2755, 28.4320,
4.1558

25.7034, 29.0829,
4.9305

26.1439, 29.6493,
6.0471

26.7000, 30.2672,
7.7563

27.3850, 30.9418,
10.1284

28.2104, 31.6777,
13.2241

■ 29.1865, 32.4791,
17.0968

■ 30.3224, 33.3497,
21.7953

■ 31.6267, 34.2929,
27.3642

■ 33.1072, 35.3119,
33.8450

Harmonies

Analogous

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



33.9282, 28.5576, 5.2707



25.3559, 28.5576, 4.2906



18.7449, 28.5576, 7.0423

Triad

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



25.3559, 28.5576, 4.2906



16.3084, 28.5576, 66.7854



44.4416, 28.5576, 52.7994

Complementary

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



25.3559, 28.5576, 4.2906



6.8047, 3.1004, 34.4218

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.



37.7363, 28.5576, 83.5884



25.3559, 28.5576, 4.2906



21.3290, 28.5576, 94.1238

Square

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



25.3559, 28.5576, 4.2906



14.2493, 28.5576, 36.6288



29.0125, 28.5576, 101.4674



46.1222, 28.5576, 26.1475

Rectangle

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



25.3559, 28.5576, 4.2906



15.9443, 28.5576, 12.2141



29.0125, 28.5576, 101.4674



42.6429, 28.5576, 63.3383

Sweetspot

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



25.3565, 28.5590, 4.2912



54.6066, 60.2141, 37.7133



15.0682, 7.8182, 1.3678



12.0732, 13.3781, 7.6767



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.3565, 28.5590, 4.2912



45.8043, 51.4525, 7.5172



18.0663, 28.4908, 4.6623



7.5917, 8.1218, 7.5476



19.9299, 22.4337, 3.2797



0.4343, 0.5024, 0.0741

Inverse Universe

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



6.8047, 3.1004, 34.4218



12.0913, 5.2392, 62.4301



8.8939, 3.8963, 34.4653



6.7520, 6.9631, 8.8912



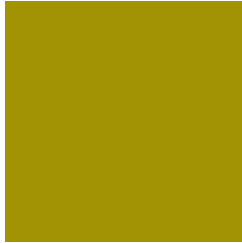
5.2922, 2.3637, 27.1071



0.1263, 0.0800, 0.5746

Previews

White Background



This preview shows how the XYZ color 25.3559, 28.5576, 4.2906 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3559, 28.5576, 4.2906 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 × Fail

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

XYZ 25.3559, 28.5576, 4.2906

Background



This preview shows how black text looks on a background with the XYZ color 25.3559, 28.5576, 4.2906.

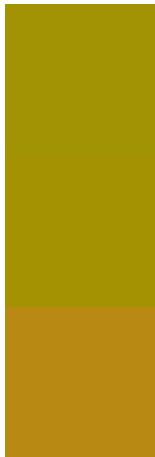


This preview shows how white text looks on a background with the XYZ color 25.3559, 28.5576,

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

25.3559, 28.5576, 4.2906

Protanopia

25.5997, 28.4547, 4.2005

Deuteranopia

28.9732, 28.4143, 4.5736



Tritanopia

31.0067, 28.6558, 31.5007

Trichromacy



Original Color

25.3559, 28.5576, 4.2906

Protanomaly

25.3996, 28.3509, 4.2197

Deuteranomaly

27.5086, 28.3116, 4.4303

Tritanomaly

27.7389, 28.2008, 14.8078

Monochromacy



Original Color

25.3559, 28.5576, 4.2906

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.6300, 25.1731, 12.6830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3559, 28.5576, 4.2906 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(162, 147, 4)` looks like.

```
.text, #text, p{  
    color:rgb(162, 147, 4)  
}
```

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(162, 147, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 147, 4) }
```

Border

The CSS property to change the border of an element to XYZ 25.3559, 28.5576, 4.2906 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(162, 147, 4) }
```


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

```
.border{ border-color:rgb(162, 147, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 147, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 147, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 147, 4);  
box-shadow:4px 4px 4px 4px rgb(162, 147,  
4) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3559, 28.5576, 4.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 147, 4) }
```

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

```
.background{ background-color: rgb(162,  
147, 4) }
```

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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