

Converting Colors

XYZ(24.8708, 27.9436, 3.1536)

Have a look what the booklet for
XYZ(24.8708, 27.9436, 3.1536)
contains.

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Color

**XYZ(25.0257, 27.9322,
4.0725)**

Conversions

Conversions Part 1

Format	Color
Hex	A29100
RGB	162, 145, 0
RGB Percent	64%, 57%, 0%
CMY	0.3647, 0.4314, 0.9999
CMYK	0.00, 0.10, 1.00, 0.36
HSL	54°, 100%, 32%
HSV	54°, 100%, 64%
XYZ	25.0257, 27.9322, 4.0725
YIQ	133.5530, 56.6770, -41.4910

Conversions

Conversions Part 2

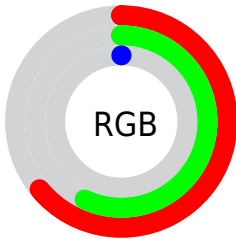
Format	Color
R _Y B	19, 162, 0
Decimal	10653952
CIE Lab	59.83, -6.37, 63.85
CIE LCh	60, 64.169, 95.700
Yxy	27.9322, 0.4388, 0.4898
Android (android.graphics.Color)	4288844032 (0xFFA29100)
YUV	133.5530, -65.8416, 24.9480
Hunter-Lab	52.8509, -7.9667, 32.4270

Details

The XYZ color **25.0257, 27.9322, 4.0725** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.7223, 3.0098, 34.4088**, and the grayscale version is **22.7163, 23.8993, 26.0263**.

A 20% lighter version of the original color is **51.1502, 56.2153, 14.1160**, and **10.0361, 11.2486, 1.6422** is the 20% darker color. If you saturate the color by 10%, you get **25.0260, 27.9331, 4.0726**, and if you desaturate by 10%, it is **25.3831, 28.4949, 4.6608**.

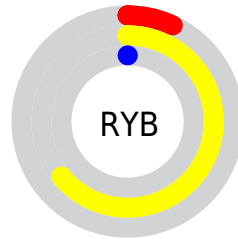
Distribution



Red (64%)

Green (57%)

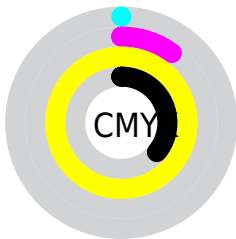
Blue (0%)



Red (7%)

Yellow (64%)

Blue (0%)

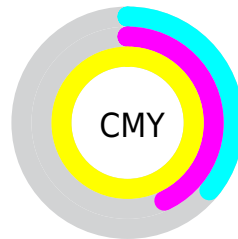


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (36%)



Cyan (36%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0257, 27.9322, 4.0725 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 25.0257, 27.9322, 4.0725 by changing the saturation by 10% instead.

■ 25.0257, 27.9322,
4.0725

■ 25.0257, 27.9322,
4.0725

270.3112,
292.1428, 149.0278

■ 16.2250, 18.2746,
1.6652

■ 51.1415, 56.3762,
14.1766

■ 9.7754, 11.1473,
0.3367

■ 69.1874, 75.9313,
22.7105

■ 5.3114, 6.1660,
0.0000

■ 91.0457, 99.5544,
34.1237

■ 2.4677, 2.9463,
0.0000

■ 117.0817,
127.6298, 48.8347

■ 0.8790, 1.1037,
0.0000

■ 147.6610,
160.5420, 67.2621

■ 0.0000, 0.0000,
0.0000

■ 183.1487,

198.6752, 89.8244

■ 223.9104,
242.4141, 116.9401

■ 25.0257, 27.9322,
4.0725

■ 25.0257, 27.9322,
4.0725

■ 25.0260, 27.9331,
4.0726

■ 25.3831, 28.4949,
4.6608

■ 25.8199, 29.0946,
5.6511

■ 26.3693, 29.7455,
7.2147

■ 27.0452, 30.4534,
9.4253

■ 27.8595, 31.2229,
12.3454

■ 28.8228, 32.0584,
16.0301

■ 29.9445, 32.9636,
20.5292

■ 31.2332, 33.9421,
25.8883

■ 32.6970, 34.9969,
32.1495

Harmonies

Analogous

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



33.5174, 27.9322, 5.1338



25.0257, 27.9322, 4.0725



18.4294, 27.9322, 6.6157

Triad

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



25.0257, 27.9322, 4.0725



15.7672, 27.9322, 64.7458



43.5025, 27.9322, 52.8150

Complementary

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



25.0257, 27.9322, 4.0725



6.7223, 3.0098, 34.4088

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.



36.7589, 27.9322, 83.2026



25.0257, 27.9322, 4.0725



20.6198, 27.9322, 92.2099

Square

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



25.0257, 27.9322, 4.0725



13.8309, 27.9322, 35.0818



28.1323, 27.9322, 100.2819



45.3460, 27.9322, 26.1788

Rectangle

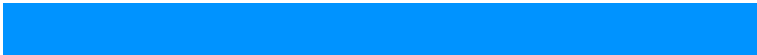
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.0257, 27.9322, 4.0725



15.6129, 27.9322, 11.5137



28.1323, 27.9322, 100.2819



41.6748, 27.9322, 63.2734

Sweetspot

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



25.0263, 27.9335, 4.0731



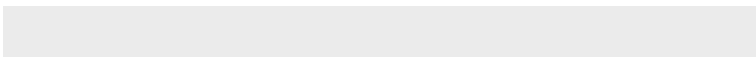
54.2367, 59.7452, 36.7547



15.0171, 7.7283, 1.3124



11.9912, 13.2675, 7.4852



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.



25.0263, 27.9335, 4.0731



45.3440, 50.5319, 7.3638



18.1653, 28.5443, 4.5526



7.5857, 8.1097, 7.5456



19.7349, 22.0436, 3.2147



0.4316, 0.4971, 0.0732

Inverse Universe

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



6.7223, 3.0098, 34.4088



12.1304, 5.3175, 62.4432



8.5150, 3.6365, 34.4352



6.7575, 6.9740, 8.8930



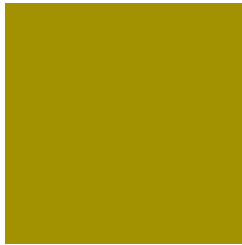
5.3122, 2.4039, 27.1138



0.1283, 0.0838, 0.5753

Previews

White Background



This preview shows how the XYZ color 25.0257, 27.9322, 4.0725 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 25.0257, 27.9322, 4.0725 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 25.0257, 27.9322, 4.0725

Background



This preview shows how black text looks on a background with the XYZ color 25.0257, 27.9322, 4.0725.



This preview shows how white text looks on a background with the XYZ color 25.0257, 27.9322,

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

25.0257, 27.9322, 4.0725

Protanopia

25.2297, 28.0373, 4.0820

Deuteranopia

28.3462, 27.8801, 4.4597



Tritanopia

30.3524, 27.9183, 30.5771

Trichromacy



Original Color

25.0257, 27.9322, 4.0725

Protanomaly

25.2297, 28.0373, 4.0820

Deuteranomaly

27.1177, 27.8943, 4.2715

Tritanomaly

27.1007, 27.4534, 13.9959

Monochromacy



Original Color

25.0257, 27.9322, 4.0725

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2298, 24.7621, 12.2023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0257, 27.9322, 4.0725 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, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(162, 145, 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(162, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 145, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.0257, 27.9322, 4.0725 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, 145, 0) }
```


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

```
.border{ border-color:rgb(162, 145, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 145, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(162, 145,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0257, 27.9322, 4.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 145, 0) }
```

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

```
.background{ background-color: rgb(162,  
145, 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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