

Converting Colors

XYZ(26.0027, 28.1233, 6.4674)

Have a look what the booklet for
XYZ(26.0027, 28.1233, 6.4674)
contains.

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Color

**XYZ(25.9449, 28.1277,
6.4446)**

Conversions

Conversions Part 1

Format	Color
Hex	A5902C
RGB	165, 144, 44
RGB Percent	65%, 56%, 17%
CMY	0.3529, 0.4353, 0.8274
CMYK	0.00, 0.13, 0.73, 0.35
HSL	50°, 58%, 41%
HSV	50°, 73%, 65%
XYZ	25.9449, 28.1277, 6.4446
YIQ	138.8790, 44.6160, -26.6480

Conversions

Conversions Part 2

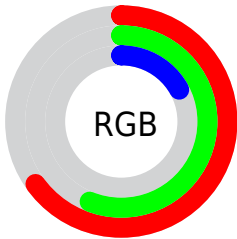
Format	Color
RYB	69, 165, 44
Decimal	10850348
CIELab	60.00, -3.26, 53.10
CIElCh	60, 53.198, 93.511
Yxy	28.1277, 0.4287, 0.4648
Android (android.graphics.Color)	4289040428 (0xFFA5902C)
YUV	138.8790, -46.7753, 22.9081
Hunter-Lab	53.0356, -5.4903, 29.9203

Details

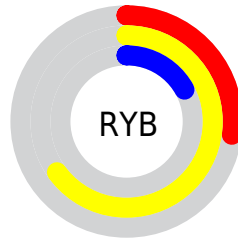
The XYZ color **25.9449, 28.1277, 6.4446** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.7205, 7.0325, 36.4421**, and the grayscale version is **24.6570, 25.9411, 28.2499**.

A 20% lighter version of the original color is **52.7368, 56.9207, 19.2736**, and **10.3094, 11.2566, 1.6294** is the 20% darker color. If you saturate the color by 10%, you get **25.2664, 27.1723, 4.9808**, and if you desaturate by 10%, it is **26.7590, 29.1571, 8.5626**.

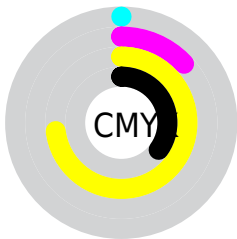
Distribution



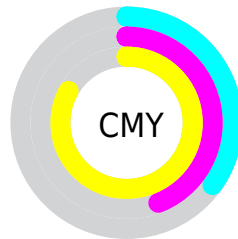
- Red (65%)
- Green (56%)
- Blue (17%)



- Red (27%)
- Yellow (65%)
- Blue (17%)



- Cyan (0%)
- Magenta (13%)
- Yellow (73%)
- Black (35%)



- Cyan (35%)
- Magenta (44%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9449, 28.1277, 6.4446 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 25.9449, 28.1277, 6.4446 by changing the saturation by 10% instead.

■ 25.9449, 28.1277,
6.4446

■ 25.9449, 28.1277,
6.4446

274.7732,
293.0766, 172.4175

■ 16.9149, 18.4219,
3.0441

■ 52.6180, 56.6883,
19.3403

■ 10.2688, 11.2533,
1.1172

■ 70.9918, 76.3118,
29.6727

■ 5.6411, 6.2375,
0.0000

■ 93.2108, 100.0102,
43.1527

■ 2.6667, 2.9900,
0.0000

■ 119.6406,
128.1676, 60.1990

■ 0.9801, 1.1265,
0.0000

■ 150.6463,
161.1686, 81.2301

■ 0.0000, 0.0004,
0.0000

■ 186.5934,

■ 0.0000, 0.0000,

199.3975, 106.6645

0.0000

227.8472,
243.2387, 136.9208

■ 25.9449, 28.1277,
6.4446

■ 25.9449, 28.1277,
6.4446

■ 25.2664, 27.1723,
4.9808

■ 26.7590, 29.1571,
8.5626

■ 24.7058, 26.2804,
4.0872

■ 27.7200, 30.2619,
11.4019

■ 24.3732, 25.7118,
3.6783

■ 28.8399, 31.4482,
15.0232

■ 30.1290, 32.7201,
19.4803

■ 31.5968, 34.0815,
24.8223

■ 33.2518, 35.5361,
31.0943

■ 35.1023, 37.0872,
38.3385

■ 37.1556, 38.7379,
46.5945

■ 39.4191, 40.4912,
55.8996

Harmonies

Analogous

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



32.9745, 28.1277, 7.9032



25.9449, 28.1277, 6.4446



20.1694, 28.1277, 8.8656

Triad

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



25.9449, 28.1277, 6.4446



17.2793, 28.1277, 56.1796



40.1675, 28.1277, 50.4574

Complementary

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



25.9449, 28.1277, 6.4446



9.7205, 7.0325, 36.4421

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.



34.5889, 28.1277, 73.4409



25.9449, 28.1277, 6.4446



21.3360, 28.1277, 77.6094

Square

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



25.9449, 28.1277, 6.4446



15.7281, 28.1277, 32.9676



27.5400, 28.1277, 84.9794



41.9549, 28.1277, 28.3985

Rectangle

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



25.9449, 28.1277, 6.4446



17.5712, 28.1277, 13.3691



27.5400, 28.1277, 84.9794



38.6319, 28.1277, 58.5932

Sweetspot

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



25.9455, 28.1290, 6.4452



56.8490, 61.2729, 45.4267



17.4066, 10.1964, 6.2337



12.2738, 13.2558, 9.3574



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.



25.9455, 28.1290, 6.4452



44.5974, 47.6481, 7.8065



22.6151, 31.5797, 7.2867



7.5444, 8.0272, 7.5319



18.4709, 19.5157, 2.7934



0.4140, 0.4619, 0.0673

Inverse Universe

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



9.7205, 7.0325, 36.4421



14.1155, 8.1487, 64.5812



11.1997, 6.3264, 36.2278



6.7952, 7.0495, 8.9056



5.4902, 2.7599, 27.1731



0.1416, 0.1104, 0.5797

Previews

White Background



This preview shows how the XYZ color 25.9449, 28.1277, 6.4446 looks on a white background.

Color Contrast Check

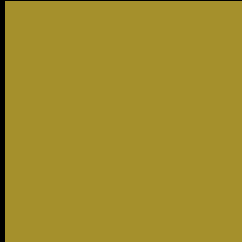
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9449, 28.1277, 6.4446 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 25.9449, 28.1277, 6.4446

Background



This preview shows how black text looks on a background with the XYZ color 25.9449, 28.1277, 6.4446.



This preview shows how white text looks on a background with the XYZ color 25.9449, 28.1277,

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

25.9449, 28.1277, 6.4446

Protanopia

25.4803, 28.1140, 6.4665

Deuteranopia

28.5148, 27.9203, 6.5756



Tritanopia

31.0084, 28.2565, 30.6078

Trichromacy



Original Color

25.9449, 28.1277, 6.4446

Protanomaly

25.6843, 28.2192, 6.4760

Deuteranomaly

27.5504, 28.0674, 6.5503

Tritanomaly

28.3728, 27.8057, 18.0590

Monochromacy



Original Color

25.9449, 28.1277, 6.4446

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2363, 26.3451, 16.9044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9449, 28.1277, 6.4446 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(165, 144, 44)` looks like.

```
.text, #text, p{  
    color:rgb(165, 144, 44)  
}
```

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(165, 144, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 144, 44) }
```

Border

The CSS property to change the border of an element to XYZ 25.9449, 28.1277, 6.4446 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(165, 144, 44) }
```


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

```
.border{ border-color:rgb(165, 144, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 144, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 144, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 144, 44);  
box-shadow:4px 4px 4px 4px rgb(165, 144,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9449, 28.1277, 6.4446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 144, 44) }
```

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

```
.background{ background-color: rgb(165,  
144, 44) }
```

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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