

Converting Colors

XYZ(25.2090, 28.2518, 4.4715)

Have a look what the booklet for
XYZ(25.2090, 28.2518, 4.4715)
contains.

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Color

**XYZ(25.2455, 28.2657,
4.4731)**

Conversions

Conversions Part 1

Format	Color
Hex	A2920C
RGB	162, 146, 12
RGB Percent	64%, 57%, 5%
CMY	0.3647, 0.4274, 0.9529
CMYK	0.00, 0.10, 0.93, 0.36
HSL	54°, 86%, 34%
HSV	54°, 93%, 64%
XYZ	25.2455, 28.2657, 4.4731
YIQ	135.5080, 52.5500, -38.2820

Conversions

Conversions Part 2

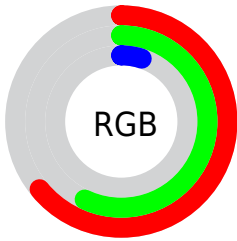
Format	Color
R _Y B	30, 162, 12
Decimal	10654220
CIE Lab	60.13, -6.73, 62.25
CIE LCh	60, 62.608, 96.174
Yxy	28.2657, 0.4354, 0.4875
Android (android.graphics.Color)	4288844300 (0xFFA2920C)
YUV	135.5080, -60.8894, 23.2335
Hunter-Lab	53.1655, -8.2793, 32.2275

Details

The XYZ color **25.2455, 28.2657, 4.4731** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.0887, 3.5176, 34.4874**, and the grayscale version is **23.4253, 24.6452, 26.8387**.

A 20% lighter version of the original color is **51.4740, 57.0460, 15.1355**, and **10.1267, 11.4299, 1.6725** is the 20% darker color. If you saturate the color by 10%, you get **24.9833, 27.8478, 4.0584**, and if you desaturate by 10%, it is **25.6602, 28.8620, 5.3304**.

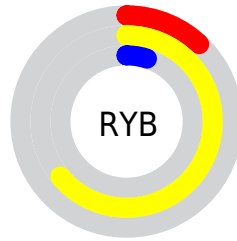
Distribution



Red (64%)

Green (57%)

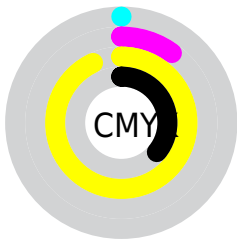
Blue (5%)



Red (12%)

Yellow (64%)

Blue (5%)

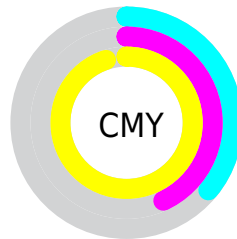


Cyan (0%)

Magenta (10%)

Yellow (93%)

Black (36%)



Cyan (36%)


Magenta (43%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2455, 28.2657, 4.4731 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 25.2455, 28.2657, 4.4731 by changing the saturation by 10% instead.


 25.2455, 28.2657,
4.4731


 25.2455, 28.2657,
4.4731


271.3835,
293.7344, 153.3471


 16.3898, 18.5260,
1.8883


 51.4952, 56.9084,
15.0870

 9.8930, 11.3283,
0.4853


 69.6200, 76.5802,
23.9531

 5.3898, 6.2881,
0.0000


 91.5651, 100.3315,
35.7501

 2.5148, 3.0211,
0.0000

 117.6959,
128.5467, 50.8965

 0.9027, 1.1427,
0.0000

 148.3778,
161.6102, 69.8109

 0.0000, 0.0142,
0.0000

 183.9761,

 0.0000, 0.0000,

199.9063, 92.9117

0.0000

224.8562,
243.8196, 120.6176

25.2455, 28.2657,
4.4731

25.2455, 28.2657,
4.4731

24.9833, 27.8478,
4.0584

25.6602, 28.8620,
5.3304

26.1828, 29.5069,
6.7390

26.8287, 30.2076,
8.7768

27.6103, 30.9690,
11.5087

28.5383, 31.7956,
14.9915

■ 29.6224, 32.6912,
19.2764

■ 30.8716, 33.6594,
24.4097

■ 32.2939, 34.7036,
30.4346

■ 33.8970, 35.8267,
37.3910

Harmonies

Analogous

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



33.5688, 28.2657, 5.5114



25.2455, 28.2657, 4.4731



18.7729, 28.2657, 7.1573

Triad

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



25.2455, 28.2657, 4.4731



16.2661, 28.2657, 64.7768



43.5311, 28.2657, 52.2154

Complementary

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



25.2455, 28.2657, 4.4731



7.0887, 3.5176, 34.4874

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.



37.0029, 28.2657, 81.7731



25.2455, 28.2657, 4.4731



21.1202, 28.2657, 91.2004

Square

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



25.2455, 28.2657, 4.4731



14.2938, 28.2657, 35.7604



28.5538, 28.2657, 98.6087



45.2378, 28.2657, 26.2787

Rectangle

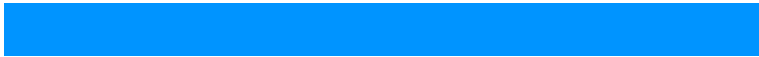
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.2455, 28.2657, 4.4731



16.0087, 28.2657, 12.1939



28.5538, 28.2657, 98.6087



41.7724, 28.2657, 62.3787

Sweetspot

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



25.2461, 28.2671, 4.4737



54.6604, 60.0457, 38.5817



15.2599, 8.0358, 1.9425



12.0746, 13.3266, 7.8444



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.



25.2461, 28.2671, 4.4737



45.2654, 50.3747, 7.3375



18.7542, 28.8402, 4.9265



7.5846, 8.1076, 7.5453



19.7015, 21.9770, 3.2036



0.4312, 0.4962, 0.0730

Inverse Universe

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



7.0887, 3.5176, 34.4874



12.1375, 5.3317, 62.4455



9.1435, 4.1556, 34.5022



6.7585, 6.9759, 8.8933



5.3158, 2.4111, 27.1150



0.1286, 0.0845, 0.5754

Previews

White Background



This preview shows how the XYZ color 25.2455, 28.2657, 4.4731 looks on a white background.

Color Contrast Check

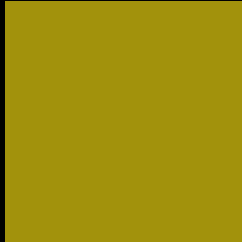
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2455, 28.2657, 4.4731 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 25.2455, 28.2657, 4.4731

Background



This preview shows how black text looks on a background with the XYZ color 25.2455, 28.2657, 4.4731.



This preview shows how white text looks on a background with the XYZ color 25.2455, 28.2657,

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

25.2455, 28.2657, 4.4731

Protanopia

25.5016, 28.1699, 4.4411

Deuteranopia

28.7617, 28.3022, 4.7060



Tritanopia

30.7871, 28.3416, 31.0419

Trichromacy



Original Color

25.2455, 28.2657, 4.4731

Protanomaly

25.2960, 28.0639, 4.4315

Deuteranomaly

27.3133, 28.2074, 4.5773

Tritanomaly

27.6842, 27.9441, 15.2439

Monochromacy



Original Color

25.2455, 28.2657, 4.4731

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.9435, 25.5312, 13.6163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2455, 28.2657, 4.4731 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, 146, 12)` looks like.

```
.text, #text, p{  
    color:rgb(162, 146, 12)  
}
```

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, 146, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 146, 12) }
```

Border

The CSS property to change the border of an element to XYZ 25.2455, 28.2657, 4.4731 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, 146, 12) }
```


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

```
.border{ border-color:rgb(162, 146, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 146, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 146, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 146, 12);  
box-shadow:4px 4px 4px 4px rgb(162, 146,  
12) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2455, 28.2657, 4.4731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 146, 12) }
```

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

```
.background{ background-color: rgb(162,  
146, 12) }
```

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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