

Converting Colors

XYZ(24.5178, 27.8396, 4.9456)

Have a look what the booklet for
XYZ(24.5178, 27.8396, 4.9456)
contains.

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Color

**XYZ(24.5443, 27.8928,
4.9544)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9218
RGB	158, 146, 24
RGB Percent	62%, 57%, 9%
CMY	0.3804, 0.4274, 0.9059
CMYK	0.00, 0.08, 0.85, 0.38
HSL	55°, 74%, 36%
HSV	55°, 85%, 62%
XYZ	24.5443, 27.8928, 4.9544
YIQ	135.6800, 46.3140, -35.3980

Conversions

Conversions Part 2

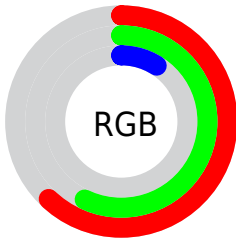
Format	Color
R _Y B	37, 158, 24
Decimal	10392088
CIE Lab	59.79, -8.29, 59.27
CIE LCh	60, 59.851, 97.960
Yxy	27.8928, 0.4277, 0.4860
Android (android.graphics.Color)	4288582168 (0xFF9E9218)
YUV	135.6800, -55.0582, 19.5746
Hunter-Lab	52.8136, -9.4688, 31.4076

Details

The XYZ color **24.5443, 27.8928, 4.9544** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.1793, 3.9247, 32.7267**, and the grayscale version is **23.4700, 24.6923, 26.8899**.

A 20% lighter version of the original color is **50.4962, 56.5167, 16.2300**, and **9.6624, 11.1905, 1.6507** is the 20% darker color. If you saturate the color by 10%, you get **24.2083, 27.4127, 4.2509**, and if you desaturate by 10%, it is **24.9791, 28.4188, 6.1591**.

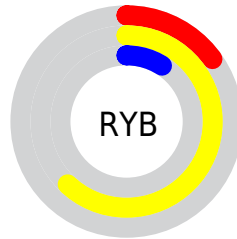
Distribution



Red (62%)

Green (57%)

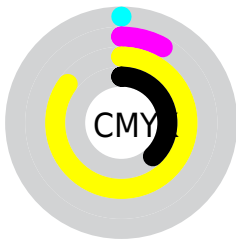
Blue (9%)



Red (15%)

Yellow (62%)

Blue (9%)

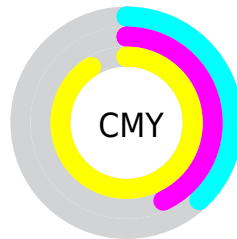


Cyan (0%)

Magenta (8%)

Yellow (85%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5443, 27.8928, 4.9544 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 24.5443, 27.8928, 4.9544 by changing the saturation by 10% instead.

■ 24.5443, 27.8928,
4.9544

■ 24.5443, 27.8928,
4.9544

267.9505,
291.9543, 158.3068

■ 15.8648, 18.2449,
2.1623

■ 50.3652, 56.3132,
16.1571

■ 9.5188, 11.1259,
0.6525

■ 68.2373, 75.8545,
25.4048

■ 5.1409, 6.1516,
0.0000

■ 89.9043, 99.4624,
37.6413

■ 2.3658, 2.9375,
0.0000

■ 115.7316,
127.5213, 53.2853

■ 0.8280, 1.0992,
0.0000

■ 146.0845,
160.4155, 72.7553

■ 0.0000, 0.0000,
0.0000

■ 181.3284,

198.5295, 96.4699

221.8286,
242.2476, 124.8475

■ 24.5443, 27.8928,
4.9544

■ 24.5443, 27.8928,
4.9544

■ 24.2083, 27.4127,
4.2509

■ 24.9791, 28.4188,
6.1591

■ 24.0518, 27.1717,
3.9770

■ 25.5257, 28.9929,
7.9420

■ 26.1968, 29.6210,
10.3666

■ 27.0026, 30.3075,
13.4878

■ 27.9527, 31.0559,
17.3548

■ 29.0554, 31.8699,
22.0119

■ 30.3185, 32.7524,
27.5005

■ 31.7494, 33.7064,
33.8586

■ 33.3548, 34.7347,
41.1221

Harmonies

Analogous

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



32.3637, 27.8928, 5.7876



24.5443, 27.8928, 4.9544



18.5207, 27.8928, 7.9199

Triad

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



24.5443, 27.8928, 4.9544



16.6025, 27.8928, 63.9494



42.4407, 27.8928, 48.8757

Complementary

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



24.5443, 27.8928, 4.9544



7.1793, 3.9247, 32.7267

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.



36.5219, 27.8928, 76.5837



24.5443, 27.8928, 4.9544



21.4107, 27.8928, 87.7960

Square

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



24.5443, 27.8928, 4.9544



14.5407, 27.8928, 36.5234



28.5806, 27.8928, 93.2791



43.7184, 27.8928, 24.9507

Rectangle

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



24.5443, 27.8928, 4.9544



15.9787, 27.8928, 13.1756



28.5806, 27.8928, 93.2791



40.8801, 27.8928, 58.3238

Sweetspot

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



24.5449, 27.8941, 4.9550



52.6191, 57.7713, 39.3495



14.7676, 8.0587, 2.5610



11.7078, 12.9117, 8.2107



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.5449, 27.8941, 4.9550



43.6025, 49.1925, 7.1970



18.1474, 27.4867, 5.2135



7.1194, 7.6188, 7.0810



19.2779, 21.7914, 3.1901



0.3580, 0.4163, 0.0615

Inverse Universe

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



7.1793, 3.9247, 32.7267



11.4319, 4.9317, 59.0928



9.6078, 4.7252, 32.7532



6.3301, 6.5260, 8.3327



5.0840, 2.2595, 26.0754



0.1032, 0.0651, 0.4703

Previews

White Background



This preview shows how the XYZ color 24.5443, 27.8928, 4.9544 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 24.5443, 27.8928, 4.9544 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 24.5443, 27.8928, 4.9544

Background



This preview shows how black text looks on a background with the XYZ color 24.5443, 27.8928, 4.9544.



This preview shows how white text looks on a background with the XYZ color 24.5443, 27.8928,

4.9544.

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

24.5443, 27.8928, 4.9544

Protanopia

25.0384, 27.6938, 4.8899

Deuteranopia

28.4714, 27.9301, 5.1187



Tritanopia

29.9288, 27.8991, 31.0018

Trichromacy



Original Color

24.5443, 27.8928, 4.9544

Protanomaly

24.9882, 27.8938, 4.9312

Deuteranomaly

26.8213, 27.7242, 5.0363

Tritanomaly

27.0862, 27.6080, 16.4717

Monochromacy



Original Color

24.5443, 27.8928, 4.9544

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.9452, 25.5117, 14.5414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5443, 27.8928, 4.9544 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(158, 146, 24)` looks like.

```
.text, #text, p{  
    color:rgb(158, 146, 24)  
}
```

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(158, 146, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 146, 24) }
```

Border

The CSS property to change the border of an element to XYZ 24.5443, 27.8928, 4.9544 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(158, 146, 24) }
```


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

```
.border{ border-color:rgb(158, 146, 24) }
```

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

Here you see how a box with a 4 pixel rgb(158, 146, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 146, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 146, 24);  
box-shadow:4px 4px 4px 4px rgb(158, 146,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5443, 27.8928, 4.9544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 146, 24) }
```

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

```
.background{ background-color: rgb(158,  
146, 24) }
```

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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