

Converting Colors

XYZ(24.7016, 28.3922, 4.4368)

Have a look what the booklet for
XYZ(24.7016, 28.3922, 4.4368)
contains.

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Color

**XYZ(24.7398, 28.4686,
4.4495)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9409
RGB	158, 148, 9
RGB Percent	62%, 58%, 4%
CMY	0.3804, 0.4196, 0.9647
CMYK	0.00, 0.06, 0.94, 0.38
HSL	56°, 89%, 33%
HSV	56°, 94%, 62%
XYZ	24.7398, 28.4686, 4.4495
YIQ	135.1440, 50.5790, -41.1090

Conversions

Conversions Part 2

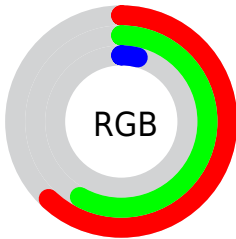
Format	Color
R_{YB}	20, 158, 9
Decimal	10392585
CIE Lab	60.31, -9.68, 62.68
CIE LCh	60, 63.423, 98.777
Yxy	28.4686, 0.4291, 0.4938
Android (android.graphics.Color)	4288582665 (0xFF9E9409)
YUV	135.1440, -62.1890, 20.0447
Hunter-Lab	53.3560, -10.6071, 32.4048

Details

The XYZ color **24.7398, 28.4686, 4.4495** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.5173, 2.9928, 32.5818**, and the grayscale version is **23.2944, 24.5075, 26.6887**.

A 20% lighter version of the original color is **50.7094, 57.3480, 15.0532**, and **9.8472, 11.5601, 1.7123** is the 20% darker color. If you saturate the color by 10%, you get **24.5965, 28.2610, 4.1585**, and if you desaturate by 10%, it is **25.0316, 28.8537, 5.1591**.

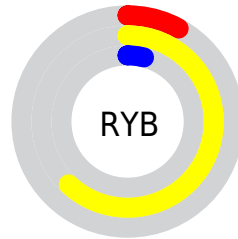
Distribution



Red (62%)

Green (58%)

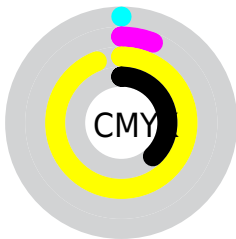
Blue (4%)



Red (8%)

Yellow (62%)

Blue (4%)

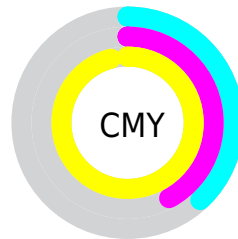


Cyan (0%)

Magenta (6%)

Yellow (94%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7398, 28.4686, 4.4495 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 24.7398, 28.4686, 4.4495 by changing the saturation by 10% instead.

■ 24.7398, 28.4686,
4.4495

■ 24.7398, 28.4686,
4.4495

268.9112,
294.6993, 153.0977

■ 16.0110, 18.6792,
1.8750

■ 50.6807, 57.2317,
15.0338

■ 9.6228, 11.4387,
0.4768

■ 68.6236, 76.9742,
23.8808

■ 5.2099, 6.3627,
0.0000

■ 90.3685, 100.8032,
35.6557

■ 2.4070, 3.0669,
0.0000

■ 116.2808,
129.1031, 50.7770

■ 0.8486, 1.1667,
0.0000

■ 146.7258,
162.2583, 69.6634

■ 0.0000, 0.0343,
0.0000

■ 182.0690,

■ 0.0000, 0.0000,

200.6531, 92.7332

0.0000

222.6757,
244.6720, 120.4052

24.7398, 28.4686,
4.4495

24.7398, 28.4686,
4.4495

24.5965, 28.2610,
4.1585

25.0316, 28.8537,
5.1591

25.4202, 29.2788,
6.3741

25.9207, 29.7512,
8.1708

26.5451, 30.2756,
10.6119

27.3036, 30.8561,
13.7518

■ 28.2055, 31.4964,
17.6394

■ 29.2592, 32.1999,
22.3191

■ 30.4726, 32.9698,
27.8317

■ 31.8529, 33.8089,
34.2153

Harmonies

Analogous

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



33.1294, 28.4686, 5.1753



24.7398, 28.4686, 4.4495



18.3918, 28.4686, 7.5386

Triad

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



24.7398, 28.4686, 4.4495



16.5985, 28.4686, 68.4009



44.4290, 28.4686, 50.2214

Complementary

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



24.7398, 28.4686, 4.4495



6.5173, 2.9928, 32.5818

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.



38.0929, 28.4686, 80.7224



24.7398, 28.4686, 4.4495



21.7787, 28.4686, 94.3739

Square

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



24.7398, 28.4686, 4.4495



14.3501, 28.4686, 38.3529



29.5178, 28.4686, 99.7570



45.6626, 28.4686, 24.6482

Rectangle

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



24.7398, 28.4686, 4.4495



15.7592, 28.4686, 13.0832



29.5178, 28.4686, 99.7570



42.7721, 28.4686, 60.5247

Sweetspot

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



24.7404, 28.4700, 4.4501



52.2868, 57.9177, 36.7385



14.3377, 7.5205, 1.4263



11.6149, 12.9410, 7.5164



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.



24.7404, 28.4700, 4.4501



44.6086, 51.2048, 7.5324



17.0918, 26.9559, 4.5610



7.1321, 7.6441, 7.0852



19.7107, 22.6570, 3.3344



0.3627, 0.4256, 0.0630

Inverse Universe

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



6.5173, 2.9928, 32.5818



11.3627, 4.7933, 59.0698



8.8745, 4.0073, 32.6534



6.3187, 6.5032, 8.3289



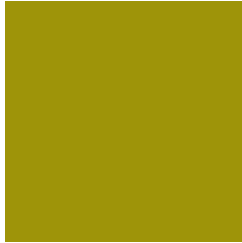
5.0468, 2.1851, 26.0630



0.0995, 0.0576, 0.4691

Previews

White Background



This preview shows how the XYZ color 24.7398, 28.4686, 4.4495 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 24.7398, 28.4686, 4.4495 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 24.7398, 28.4686, 4.4495

Background



This preview shows how black text looks on a background with the XYZ color 24.7398, 28.4686, 4.4495.



This preview shows how white text looks on a background with the XYZ color 24.7398, 28.4686,

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

24.7398, 28.4686, 4.4495

Protanopia

25.6271, 28.4656, 4.3447

Deuteranopia

29.0005, 28.4252, 4.7172



Tritanopia

30.3701, 28.5306, 31.9232

Trichromacy



Original Color

24.7398, 28.4686, 4.4495

Protanomaly

25.3778, 28.5664, 4.4060

Deuteranomaly

27.4534, 28.5004, 4.5845

Tritanomaly

27.1405, 28.1016, 15.3029

Monochromacy



Original Color

24.7398, 28.4686, 4.4495

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.5089, 25.3171, 13.1515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7398, 28.4686, 4.4495 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, 148, 9)` looks like.

```
.text, #text, p{  
    color:rgb(158, 148, 9)  
}
```

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, 148, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 148, 9) }
```

Border

The CSS property to change the border of an element to XYZ 24.7398, 28.4686, 4.4495 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, 148, 9) }
```


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

```
.border{ border-color:rgb(158, 148, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 148, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 148, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 148, 9);  
box-shadow:4px 4px 4px 4px rgb(158, 148,  
9) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7398, 28.4686, 4.4495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 148, 9) }
```

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

```
.background{ background-color: rgb(158,  
148, 9) }
```

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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