

Converting Colors

XYZ(25.2776, 32.4457, 4.9304)

Have a look what the booklet for
XYZ(25.2776, 32.4457, 4.9304)
contains.

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Color

**XYZ(25.3099, 32.4903,
4.9373)**

Conversions

Conversions Part 1

Format	Color
Hex	94A300
RGB	148, 163, 0
RGB Percent	58%, 64%, 0%
CMY	0.4196, 0.3608, 0.9999
CMYK	0.09, 0.00, 1.00, 0.36
HSL	66°, 100%, 32%
HSV	66°, 100%, 64%
XYZ	25.3099, 32.4903, 4.9373
YIQ	139.9330, 43.3830, -53.8730

Conversions

Conversions Part 2

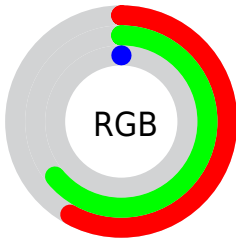
Format	Color
RYB	0, 163, 15
Decimal	9741056
CIELab	63.75, -22.06, 66.17
CIELCh	64, 69.753, 108.433
Yxy	32.4903, 0.4034, 0.5179
Android (android.graphics.Color)	4287931136 (0xFF94A300)
YUV	139.9330, -68.9870, 7.0748
Hunter-Lab	57.0003, -20.4909, 34.7645

Details

The XYZ color **25.3099, 32.4903, 4.9373** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.8088, 2.7466, 34.8237**, and the grayscale version is **25.1505, 26.4602, 28.8152**.

A 20% lighter version of the original color is **51.7950, 63.7726, 16.2361**, and **10.1986, 13.6960, 2.1061** is the 20% darker color. If you saturate the color by 10%, you get **25.3103, 32.4916, 4.9375**, and if you desaturate by 10%, it is **25.6797, 32.6710, 5.4553**.

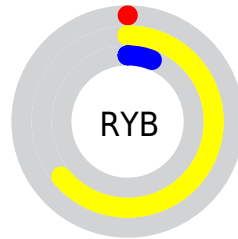
Distribution



Red (58%)

Green (64%)

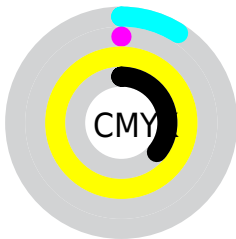
Blue (0%)



Red (0%)

Yellow (64%)

Blue (6%)

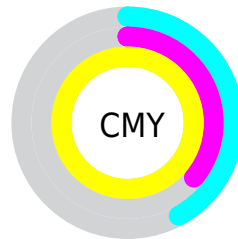


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3099, 32.4903, 4.9373 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 25.3099, 32.4903, 4.9373 by changing the saturation by 10% instead.

■ 25.3099, 32.4903,
4.9373

■ 25.3099, 32.4903,
4.9373

271.6970,
313.3467, 158.1344

■ 16.4381, 21.7363,
2.1524

■ 51.5988, 63.5789,
16.1195

■ 9.9275, 13.6632,
0.6467

■ 69.7466, 84.6823,
25.3539

■ 5.4128, 7.8868,
0.0000

■ 91.7170, 110.0043,
37.5752

■ 2.5287, 4.0226,
0.0000

■ 117.8755,
139.9293, 53.2020

■ 0.9097, 1.6862,
0.0000

■ 148.5874,
174.8416, 72.6527

■ 0.0000, 0.4147,
0.0000

■ 184.2181,

■ 0.0000, 0.0000,

215.1257, 96.3460

0.0000

225.1328,
261.1659, 124.7004

25.3099, 32.4903,
4.9373

25.3099, 32.4903,
4.9373

25.3103, 32.4916,
4.9375

25.6797, 32.6710,
5.4553

26.1297, 32.8830,
6.3807

26.6935, 33.1409,
7.8864

27.3852, 33.4503,
10.0473

28.2169, 33.8162,
12.9267

■ 29.1992, 34.2428,
16.5808

■ 30.3418, 34.7338,
21.0601

■ 31.6535, 35.2930,
26.4107

■ 33.1424, 35.9234,
32.6755

Harmonies

Analogous

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



34.8061, 32.4903, 4.5017



25.3099, 32.4903, 4.9373



18.8429, 32.4903, 10.3284

Triad

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



25.3099, 32.4903, 4.9373



20.0116, 32.4903, 92.8839



53.2033, 32.4903, 47.3077

Complementary

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



25.3099, 32.4903, 4.9373



6.8088, 2.7466, 34.8237

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.



47.1903, 32.4903, 84.4736



25.3099, 32.4903, 4.9373



27.2627, 32.4903, 118.6839

Square

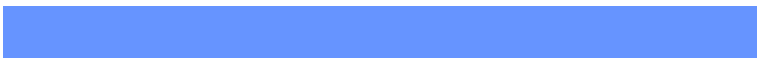
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.3099, 32.4903, 4.9373



16.2590, 32.4903, 55.2777



37.2151, 32.4903, 114.9829



52.3702, 32.4903, 20.9369

Rectangle

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



25.3099, 32.4903, 4.9373



16.4894, 32.4903, 19.0463



37.2151, 32.4903, 114.9829



51.8717, 32.4903, 59.0881

Sweetspot

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



25.3106, 32.4918, 4.9380



54.2130, 62.1490, 37.2200



15.2569, 8.0904, 0.7579



11.9851, 13.8765, 7.6030



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.



25.3106, 32.4918, 4.9380



45.2361, 58.1402, 8.8380



15.4769, 27.4223, 4.4778



7.5849, 8.2040, 7.5639



19.6898, 25.2609, 3.8381



0.4311, 0.5398, 0.0815

Inverse Universe

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



6.8088, 2.7466, 34.8237



12.1177, 4.8792, 62.3592



11.3403, 5.0827, 35.0357



6.7582, 6.8897, 8.8767



5.3095, 2.1436, 27.0637



0.1285, 0.0538, 0.5695

Previews

White Background



This preview shows how the XYZ color 25.3099, 32.4903, 4.9373 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.3099, 32.4903, 4.9373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

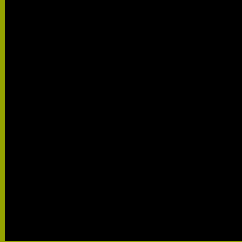
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3099, 32.4903, 4.9373

Background



This preview shows how black text looks on a background with the XYZ color 25.3099, 32.4903, 4.9373.



This preview shows how white text looks on a background with the XYZ color 25.3099, 32.4903,

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

25.3099, 32.4903, 4.9373

Protanopia

29.1769, 32.4414, 4.7240

Deuteranopia

32.9824, 32.2390, 5.5213



Tritanopia

32.1747, 32.2511, 39.1796

Trichromacy



Original Color

25.3099, 32.4903, 4.9373

Protanomaly

27.7439, 32.4531, 4.8018

Deuteranomaly

29.6895, 31.9619, 5.1348

Tritanomaly

27.9303, 31.5101, 17.7067

Monochromacy



Original Color

25.3099, 32.4903, 4.9373

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.7208, 27.7407, 13.5555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3099, 32.4903, 4.9373 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(148, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 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(148, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.3099, 32.4903, 4.9373 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(148, 163, 0) }
```


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

```
.border{ border-color:rgb(148, 163, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 163, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 163,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3099, 32.4903, 4.9373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 163, 0) }
```

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

```
.background{ background-color: rgb(148,  
163, 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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