

Converting Colors

XYZ(25.9628, 24.7852, 5.3099)

Have a look what the booklet for
XYZ(25.9628, 24.7852, 5.3099)
contains.

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Color

**XYZ(25.9899, 24.8149,
5.3394)**

Conversions

Conversions Part 1

Format	Color
Hex	B08027
RGB	176, 128, 39
RGB Percent	69%, 50%, 15%
CMY	0.3098, 0.4980, 0.8470
CMYK	0.00, 0.27, 0.78, 0.31
HSL	39°, 64%, 42%
HSV	39°, 78%, 69%
XYZ	25.9899, 24.8149, 5.3394
YIQ	132.2060, 57.1770, -17.5030

Conversions

Conversions Part 2

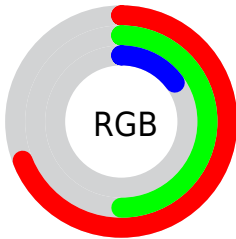
Format	Color
R_{YB}	113, 176, 39
Decimal	11567143
CIE _{Lab}	56.89, 10.33, 52.48
CIE _{LCh}	57, 53.483, 78.861
Yxy	24.8149, 0.4629, 0.4420
Android (android.graphics.Color)	4289757223 (0xFFB08027)
YUV	132.2060, -45.9506, 38.4073
Hunter-Lab	49.8146, 5.9539, 28.5152

Details

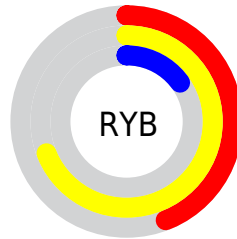
The XYZ color **25.9899, 24.8149, 5.3394** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **12.0813, 10.3821, 42.4413**, and the grayscale version is **22.1535, 23.3072, 25.3815**.

A 20% lighter version of the original color is **52.6732, 51.4652, 17.0551**, and **10.4037, 9.5139, 1.2880** is the 20% darker color. If you saturate the color by 10%, you get **24.9833, 23.1652, 3.8838**, and if you desaturate by 10%, it is **27.1818, 26.6189, 7.5245**.

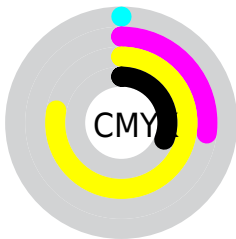
Distribution



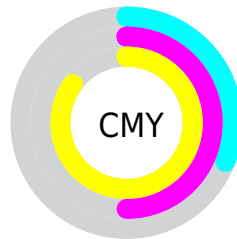
- Red (69%)
- Green (50%)
- Blue (15%)



- Red (44%)
- Yellow (69%)
- Blue (15%)



- Cyan (0%)
- Magenta (27%)
- Yellow (78%)
- Black (31%)



- Cyan (31%)
- Magenta (50%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9899, 24.8149, 5.3394 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 25.9899, 24.8149, 5.3394 by changing the saturation by 10% instead.

■ 25.9899, 24.8149,
5.3394

■ 25.9899, 24.8149,
5.3394

274.9901,
276.9149, 162.1174

■ 16.9487, 15.9392,
2.3855

■ 52.6901, 51.3568,
16.9969

■ 10.2930, 9.4811,
0.7786

■ 71.0798, 69.7917,
26.5376

■ 5.6574, 5.0563,
0.0000

■ 93.3164, 92.1819,
39.1110

■ 2.6766, 2.2803,
0.0000

■ 119.7652,
118.9117, 55.1356

■ 0.9851, 0.7633,
0.0000

■ 150.7916,
150.3655, 75.0300

■ 0.0000, 0.0000,
0.0000

■ 186.7610,

186.9277, 99.2128

228.0387,
228.9827, 128.1024

■ 25.9899, 24.8149,
5.3394

■ 25.9899, 24.8149,
5.3394

■ 24.9833, 23.1652,
3.8838

■ 27.1818, 26.6189,
7.5245

■ 24.1330, 21.6539,
3.0169

■ 28.5746, 28.5819,
10.5253

■ 23.9602, 21.3416,
2.8565

■ 30.1841, 30.7124,
14.4173

■ 32.0235, 33.0169,
19.2671

■ 34.1050, 35.5018,
25.1347

■ 36.4399, 38.1725,
32.0753

■ 39.0384, 41.0346,
40.1400

■ 41.9104, 44.0930,
49.3767

■ 45.0651, 47.3526,
59.8304

Harmonies

Analogous

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



32.4300, 24.8149, 8.4774



25.9899, 24.8149, 5.3394



19.9025, 24.8149, 5.7578

Triad

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



25.9899, 24.8149, 5.3394



13.9256, 24.8149, 39.7748



33.8691, 24.8149, 56.6580

Complementary

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



25.9899, 24.8149, 5.3394



12.0813, 10.3821, 42.4413

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.



27.6977, 24.8149, 74.5698



25.9899, 24.8149, 5.3394



16.5163, 24.8149, 62.2122

Square

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



25.9899, 24.8149, 5.3394



13.6322, 24.8149, 20.8884



21.3348, 24.8149, 76.9608



37.4867, 24.8149, 34.2456

Rectangle

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



25.9899, 24.8149, 5.3394



16.8072, 24.8149, 8.0771



21.3348, 24.8149, 76.9608



31.9787, 24.8149, 63.7614

Sweetspot

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



25.9905, 24.8161, 5.3399



63.6764, 66.4956, 50.9250



20.4431, 11.4065, 10.6273



13.4836, 14.0456, 10.1073



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.9905, 24.8161, 5.3399



44.2427, 40.1295, 5.9067



29.9397, 38.4391, 7.7612



8.9415, 9.3955, 8.9948



17.6365, 15.7717, 2.1147



0.6071, 0.6007, 0.0839

Inverse Universe

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



12.0813, 10.3821, 42.4413



18.1549, 13.2506, 76.0960



10.2648, 5.4636, 41.5877



8.2774, 8.7010, 10.7495



7.0505, 4.9013, 30.7114



0.2779, 0.2663, 0.9850

Previews

White Background



This preview shows how the XYZ color 25.9899, 24.8149, 5.3394 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 25.9899, 24.8149, 5.3394 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 25.9899, 24.8149, 5.3394

Background



This preview shows how black text looks on a background with the XYZ color 25.9899, 24.8149, 5.3394.



This preview shows how white text looks on a background with the XYZ color 25.9899, 24.8149,

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

25.9899, 24.8149, 5.3394

Protanopia

22.4828, 24.8237, 5.7043

Deuteranopia

25.3457, 24.8759, 5.2994



Tritanopia

29.9703, 24.9630, 24.0076

Trichromacy



Original Color

25.9899, 24.8149, 5.3394

Protanomaly

23.6060, 24.7805, 5.5464

Deuteranomaly

25.4337, 24.7247, 5.2656

Tritanomaly

28.0167, 24.7137, 14.3599

Monochromacy



Original Color

25.9899, 24.8149, 5.3394

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.5336, 23.4103, 14.8863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9899, 24.8149, 5.3394 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(176, 128, 39)` looks like.

```
.text, #text, p{  
    color:rgb(176, 128, 39)  
}
```

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(176, 128, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 128, 39) }
```

Border

The CSS property to change the border of an element to XYZ 25.9899, 24.8149, 5.3394 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(176, 128, 39) }
```


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

```
.border{ border-color:rgb(176, 128, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 128, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 128, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 128, 39);  
box-shadow:4px 4px 4px 4px rgb(176, 128,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9899, 24.8149, 5.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 128, 39) }
```

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

```
.background{ background-color: rgb(176,  
128, 39) }
```

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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