

Converting Colors

XYZ(25.4928, 24.9943, 30.7288)

Have a look what the booklet for
XYZ(25.4928, 24.9943, 30.7288)
contains.

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Color

**XYZ(25.4299, 24.9614,
30.6719)**

Conversions

Conversions Part 1

Format	Color
Hex	928592
RGB	146, 133, 146
RGB Percent	57%, 52%, 57%
CMY	0.4274, 0.4784, 0.4274
CMYK	0.00, 0.09, 0.00, 0.43
HSL	300°, 6%, 55%
HSV	300°, 9%, 57%
XYZ	25.4299, 24.9614, 30.6719
YIQ	138.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

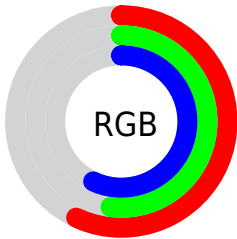
Format	Color
R_{YB}	146, 133, 146
Decimal	9602450
CIE Lab	57.04, 7.37, -5.18
CIE LCh	57, 9.005, 324.892
Yxy	24.9614, 0.3137, 0.3079
Android (android.graphics.Color)	4287792530 (0xFF928592)
YUV	138.3690, 3.7621, 6.6924
Hunter-Lab	49.9614, 3.4225, -1.4259

Details

The XYZ color **25.4299, 24.9614, 30.6719** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.1864, 27.2385, 26.1744**, and the grayscale version is **24.2842, 25.5488, 27.8227**.

A 20% lighter version of the original color is **51.8036, 51.5673, 61.8667**, and **10.0010, 9.6181, 12.3957** is the 20% darker color. If you saturate the color by 10%, you get **23.5686, 21.2385, 30.0518**, and if you desaturate by 10%, it is **27.5705, 29.2421, 31.3857**.

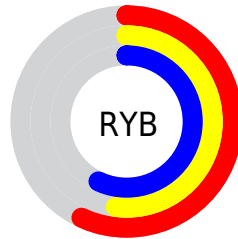
Distribution



Red (57%)

Green (52%)

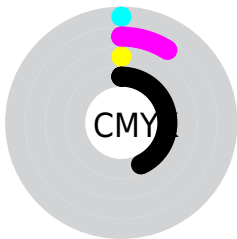
Blue (57%)



Red (57%)

Yellow (52%)

Blue (57%)

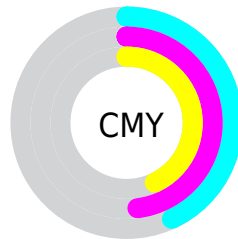


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (43%)



Cyan (43%)

Magenta (48%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4299, 24.9614, 30.6719 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 25.4299, 24.9614, 30.6719 by changing the saturation by 10% instead.

■ 25.4299, 24.9614,
30.6719

■ 25.4299, 24.9614,
30.6719

272.2805,
277.6457, 319.3282

■ 16.5281, 16.0483,
20.0928

■ 51.7917, 51.5946,
61.7966

■ 9.9918, 9.5583,
12.2778

■ 69.9823, 70.0835,
83.1793

■ 5.4557, 5.1071,
6.8083

■ 92.0000, 92.5331,
109.0003

■ 2.5545, 2.3103,
3.2659

118.2100,
119.3278, 139.6781

■ 0.9228, 0.7791,
1.2319

148.9777,
150.8520, 175.6312

■ 0.0000, 0.0000,
0.0050

184.6684,

■ 0.0000, 0.0000,

187.4901, 217.2783

0.0000

225.6476,
229.6266, 265.0377

■ 25.4299, 24.9614,
30.6719

■ 25.4299, 24.9614,
30.6719

■ 23.5686, 21.2385,
30.0518

■ 27.5705, 29.2421,
31.3857

■ 21.9731, 18.0475,
29.5199

■ 29.9989, 34.0990,
32.1952

■ 20.6318, 15.3650,
29.0729

■ 32.7261, 39.5533,
33.1042

■ 19.5317, 13.1649,
28.7062

■ 35.7617, 45.6246,
34.1161

■ 18.6585, 11.4184,
28.4151

■ 39.1150, 52.3311,
35.2339

■ 17.9963, 10.0940,
28.1944

■ 42.7948, 59.6907,
36.4605

■ 17.5273, 9.1560,
28.0380

■ 46.8097, 67.7203,
37.7987

■ 17.2307, 8.5629,
27.9392

■ 51.1677, 76.4363,
39.2514

■ 17.0598, 8.2211,
27.8822

■ 52.8028, 79.7066,
39.7964

Harmonies

Analogous

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



24.5924, 24.9614, 32.8184



25.4299, 24.9614, 30.6719



25.8113, 24.9614, 27.7011

Triad

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



25.4299, 24.9614, 30.6719



23.9068, 24.9614, 21.7749



21.9258, 24.9614, 29.7076

Complementary

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



25.4299, 24.9614, 30.6719



24.1864, 27.2385, 26.1744

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.



21.7544, 24.9614, 26.6629



25.4299, 24.9614, 30.6719



22.8784, 24.9614, 22.2253

Square

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



25.4299, 24.9614, 30.6719



24.9153, 24.9614, 22.6823



22.0982, 24.9614, 23.9614



22.5733, 24.9614, 32.2333

Rectangle

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



25.4299, 24.9614, 30.6719



25.7475, 24.9614, 25.7075



22.0982, 24.9614, 23.9614



21.8114, 24.9614, 28.7050

Sweetspot

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



25.4306, 24.9625, 30.6724



47.0062, 48.3247, 54.8237



23.2795, 23.8976, 30.5803



10.3931, 10.6226, 12.1748



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



25.4306, 24.9625, 30.6724



44.0567, 42.4258, 53.8405



24.9552, 24.7723, 28.1687



6.0353, 5.9092, 7.2922



14.9972, 7.2039, 24.5311



0.1836, 0.0882, 0.3002

Inverse Universe

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



24.4762, 24.5807, 25.6462



41.9666, 41.5897, 42.8338



24.6336, 27.4174, 28.5294



5.8008, 5.8154, 6.0572



10.4317, 5.3777, 0.4882



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 25.4299, 24.9614, 30.6719 looks on a white background.

Color Contrast Check

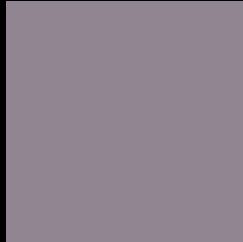
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4299, 24.9614, 30.6719 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 25.4299, 24.9614, 30.6719

Background



This preview shows how black text looks on a background with the XYZ color 25.4299, 24.9614, 30.6719.

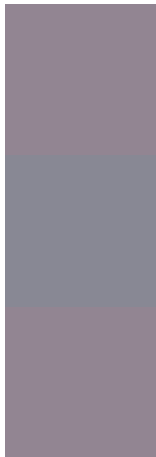


This preview shows how white text looks on a background with the XYZ color 25.4299, 24.9614,

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

25.4299, 24.9614, 30.6719

Protanopia

24.3028, 24.9807, 31.5578

Deuteranopia

25.4299, 24.9614, 30.6719



Tritanopia

25.2756, 24.8997, 29.8595

Trichromacy



Original Color

25.4299, 24.9614, 30.6719

Protanomaly

24.7457, 25.0100, 31.1269

Deuteranomaly

25.4299, 24.9614, 30.6719

Tritanomaly

25.3524, 24.9304, 30.2639

Monochromacy



Original Color

25.4299, 24.9614, 30.6719

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5964, 25.1941, 28.7659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4299, 24.9614, 30.6719 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(146, 133, 146) looks like.

```
.text, #text, p{  
    color:rgb(146, 133, 146)  
}
```

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(146, 133, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 133, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.4299, 24.9614, 30.6719 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(146, 133, 146) }
```


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

```
.border{ border-color:rgb(146, 133, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 133, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 133, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 133, 146);  
box-shadow:4px 4px 4px 4px rgb(146, 133,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4299, 24.9614, 30.6719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 133, 146) }
```

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

```
.background{ background-color: rgb(146,  
133, 146) }
```

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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