

Converting Colors

XYZ(24.2740, 29.0648, 9.6409)

Have a look what the booklet for
XYZ(24.2740, 29.0648, 9.6409)
contains.

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Color

**XYZ(24.2740, 29.0648,
9.6409)**

Conversions

Conversions Part 1

Format	Color
Hex	939843
RGB	147, 152, 67
RGB Percent	58%, 60%, 26%
CMY	0.4235, 0.4039, 0.7372
CMYK	0.03, 0.00, 0.56, 0.40
HSL	64°, 39%, 43%
HSV	64°, 56%, 60%
XYZ	24.2740, 29.0648, 9.6409
YIQ	140.8150, 24.3050, -27.4950

Conversions

Conversions Part 2

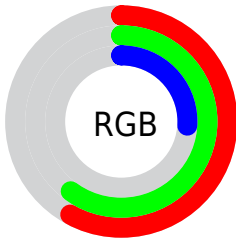
Format	Color
RYB	67, 152, 72
Decimal	9672771
CIELab	60.84, -13.97, 43.34
CIELCh	61, 45.536, 107.871
Yxy	29.0648, 0.3854, 0.4615
Android (android.graphics.Color)	4287862851 (0xFF939843)
YUV	140.8150, -36.3908, 5.4242
Hunter-Lab	53.9118, -13.9753, 27.1356

Details

The XYZ color **24.2740, 29.0648, 9.6409** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.3482, 7.6597, 30.6406**, and the grayscale version is **25.3770, 26.6986, 29.0747**.

A 20% lighter version of the original color is **49.9699, 58.1471, 25.7294**, and **9.3560, 11.7215, 2.2213** is the 20% darker color. If you saturate the color by 10%, you get **23.7170, 28.8246, 7.5392**, and if you desaturate by 10%, it is **24.9533, 29.3562, 12.3743**.

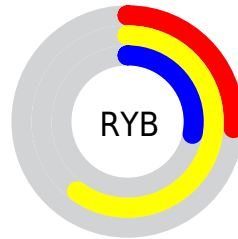
Distribution



Red (58%)

Green (60%)

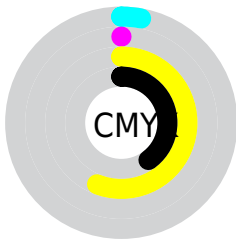
Blue (26%)



Red (26%)

Yellow (60%)

Blue (28%)

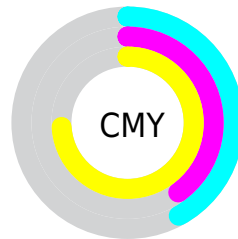


Cyan (3%)

Magenta (0%)

Yellow (56%)

Black (40%)



Cyan (42%)

Magenta (40%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2740, 29.0648, 9.6409 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 24.2740, 29.0648, 9.6409 by changing the saturation by 10% instead.

■ 24.2740, 29.0648,
9.6409

■ 24.2740, 29.0648,
9.6409

266.6177,
297.5206, 198.4803

■ 15.6628, 19.1298,
5.0590

■ 49.9284, 58.1800,
25.7150

■ 9.3752, 11.7641,
2.2226

■ 67.7023, 78.1291,
38.0443

■ 5.0458, 6.5833,
0.6874

■ 89.2612, 102.1850,
53.7933

■ 2.3092, 3.2029,
0.0000

■ 114.9704,
130.7321, 73.3803

■ 0.7994, 1.2386,
0.0000

■ 145.1953,
164.1548, 97.2240

■ 0.0000, 0.0929,
0.0000

180.3013,

■ 0.0000, 0.0000,

202.8375, 125.7428

0.0000

220.6536,
247.1647, 159.3555

■ 24.2740, 29.0648,
9.6409

■ 24.2740, 29.0648,
9.6409

■ 23.7170, 28.8246,
7.5392

■ 24.9533, 29.3562,
12.3743

■ 23.2707, 28.6277,
6.0169

■ 25.7615, 29.6982,
15.7827

■ 22.9247, 28.4712,
5.0164

■ 26.7070, 30.0953,
19.9075

■ 22.6634, 28.3486,
4.4554

■ 27.7969, 30.5503,
24.7863

■ 22.5661, 28.3024,
4.2735

■ 29.0379, 31.0659,
30.4543

■ 30.4363, 31.6446,
36.9442

■ 31.9978, 32.2887,
44.2871

■ 33.7282, 33.0005,
52.5122

■ 35.6327, 33.7821,
61.6476

Harmonies

Analogous

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



30.0891, 29.0648, 9.2629



24.2740, 29.0648, 9.6409



20.0071, 29.0648, 14.4160

Triad

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



24.2740, 29.0648, 9.6409



20.6652, 29.0648, 62.5416



40.3297, 29.0648, 39.0101

Complementary

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



24.2740, 29.0648, 9.6409



10.3482, 7.6597, 30.6406

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.



36.9666, 29.0648, 58.9713



24.2740, 29.0648, 9.6409



25.2997, 29.0648, 75.4727

Square

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



24.2740, 29.0648, 9.6409



18.1379, 29.0648, 42.7543



31.2715, 29.0648, 73.9724



39.9507, 29.0648, 22.6516

Rectangle

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



24.2740, 29.0648, 9.6409



18.3574, 29.0648, 20.8772



31.2715, 29.0648, 73.9724



39.5816, 29.0648, 45.5991

Sweetspot

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



24.2747, 29.0661, 9.6415



48.7742, 53.8015, 42.4505



16.2322, 11.6198, 6.6979



11.0035, 12.1941, 9.2782



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.2747, 29.0661, 9.6415



41.6555, 50.7856, 12.5771



18.0976, 25.8817, 9.3524



6.6730, 7.2044, 6.6447



18.9293, 23.7343, 3.5835



0.2924, 0.3597, 0.0540

Inverse Universe

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



10.3482, 7.6597, 30.6406



14.5953, 9.1572, 53.4319



14.5825, 9.8426, 30.8388



5.9165, 6.0428, 7.7835



4.8554, 1.9541, 25.0290



0.0804, 0.0333, 0.3746

Previews

White Background



This preview shows how the XYZ color 24.2740, 29.0648, 9.6409 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 24.2740, 29.0648, 9.6409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

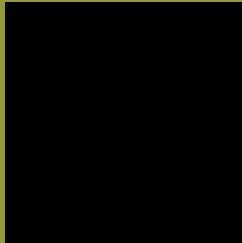
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2740, 29.0648, 9.6409

Background



This preview shows how black text looks on a background with the XYZ color 24.2740, 29.0648, 9.6409.



This preview shows how white text looks on a background with the XYZ color 24.2740, 29.0648,

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

24.2740, 29.0648, 9.6409

Protanopia

26.4921, 29.0356, 9.2092

Deuteranopia

29.5396, 29.0221, 9.8393



Tritanopia

29.3655, 29.0459, 34.6305

Trichromacy



Original Color

24.2740, 29.0648, 9.6409

Protanomaly

25.6354, 29.0563, 9.4116

Deuteranomaly

27.4096, 28.8112, 9.7467

Tritanomaly

26.9286, 28.7352, 22.5395

Monochromacy



Original Color

24.2740, 29.0648, 9.6409

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.4904, 27.3053, 19.8993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2740, 29.0648, 9.6409 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(147, 152, 67)` looks like.

```
.text, #text, p{  
    color:rgb(147, 152, 67)  
}
```

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(147, 152, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 152, 67) }
```

Border

The CSS property to change the border of an element to XYZ 24.2740, 29.0648, 9.6409 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(147, 152, 67) }
```


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

```
.border{ border-color:rgb(147, 152, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 152, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 152, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 152, 67);  
box-shadow:4px 4px 4px 4px rgb(147, 152,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2740, 29.0648, 9.6409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 152, 67) }
```

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

```
.background{ background-color: rgb(147,  
152, 67) }
```

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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