

Converting Colors

XYZ(30.4415, 24.8205, 49.1170)

Have a look what the booklet for
XYZ(30.4415, 24.8205, 49.1170)
contains.

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Color

**XYZ(30.4946, 24.8589,
49.0899)**

Conversions

Conversions Part 1

Format	Color
Hex	A279B9
RGB	162, 121, 185
RGB Percent	64%, 47%, 73%
CMY	0.3647, 0.5255, 0.2745
CMYK	0.12, 0.35, 0.00, 0.27
HSL	278°, 31%, 60%
HSV	278°, 35%, 73%
XYZ	30.4946, 24.8589, 49.0899
YIQ	140.5550, 3.8920, 28.5960

Conversions

Conversions Part 2

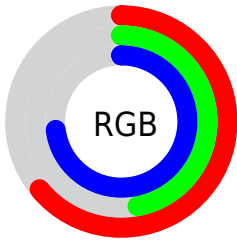
Format	Color
R_{YB}	162, 121, 185
Decimal	10647993
CIE _{Lab}	56.94, 27.91, -27.60
CIE _{LCh}	57, 39.252, 315.313
Yxy	24.8589, 0.2920, 0.2380
Android (android.graphics.Color)	4288838073 (0xFFA279B9)
YUV	140.5550, 21.9114, 18.8073
Hunter-Lab	49.8587, 21.9215, -23.4747

Details

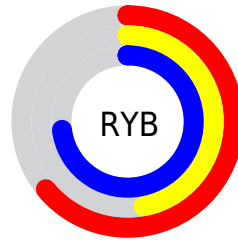
The XYZ color **30.4946, 24.8589, 49.0899** is a light color, and the websafe version is hex **996699**. A complement of this color would be **32.3025, 42.0083, 24.4961**, and the grayscale version is **25.0602, 26.3653, 28.7118**.

A 20% lighter version of the original color is **59.9267, 51.5284, 90.0066**, and **12.7889, 9.5519, 22.9994** is the 20% darker color. If you saturate the color by 10%, you get **27.1435, 20.1084, 48.3500**, and if you desaturate by 10%, it is **34.3499, 30.5106, 49.9780**.

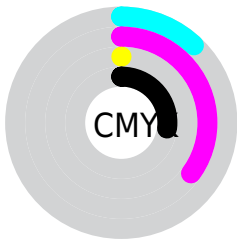
Distribution



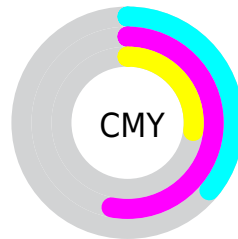
- Red (64%)
- Green (47%)
- Blue (73%)



- Red (64%)
- Yellow (47%)
- Blue (73%)



- Cyan (12%)
- Magenta (35%)
- Yellow (0%)
- Black (27%)



- Cyan (36%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4946, 24.8589, 49.0899 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 30.4946, 24.8589, 49.0899 by changing the saturation by 10% instead.

30.4946, 24.8589,
49.0899

30.4946, 24.8589,
49.0899

296.0718,
277.1345, 399.7288

20.3642, 15.9720,
34.3247

59.8248, 51.4282,
90.2073

12.7699, 9.5043,
22.8638

79.7553, 69.8794,
117.3966

7.3462, 5.0716,
14.2886

103.6832, 92.2874,
149.5644

3.7278, 2.2893,
8.1806

131.9739,
119.0368, 187.1291

1.5493, 0.7680,
4.1213

164.9928,
150.5117, 230.5094

0.3590, 0.0000,
1.6921

203.1051,

0.0000, 0.0000,

187.0967, 280.1237

0.3553

246.6764,
229.1762, 336.3907

■ 0.0000, 0.0000,
0.0000

■ 30.4946, 24.8589,
49.0899

■ 30.4946, 24.8589,
49.0899

■ 27.1435, 20.1084,
48.3500

■ 34.3499, 30.5106,
49.9780

■ 24.2682, 16.2058,
47.7482

■ 38.7308, 37.1063,
51.0202

■ 21.8413, 13.0972,
47.2761

■ 43.6602, 44.6900,
52.2242

■ 19.8311, 10.7209,
46.9234

■ 49.1590, 53.3018,
53.5966

■ 18.2010, 9.0057,
46.6783

■ 55.2469, 62.9798,
55.1438

■ 16.9073, 7.8656,
46.5264

■ 61.9427, 73.7597,
56.8716

■ 16.2985, 7.3906,
46.4668

■ 69.2642, 85.6760,
58.7858

■ 72.5970, 89.4986,
59.3480

■ 74.5916, 90.5268,
59.4413

Harmonies

Analogous

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



26.0427, 24.8589, 59.6111



30.4946, 24.8589, 49.0899



33.2640, 24.8589, 34.0154

Triad

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



30.4946, 24.8589, 49.0899



25.9433, 24.8589, 9.2073



16.0785, 24.8589, 34.3274

Complementary

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



30.4946, 24.8589, 49.0899



32.3025, 42.0083, 24.4961

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.



16.0591, 24.8589, 21.1360



30.4946, 24.8589, 49.0899



21.3667, 24.8589, 9.2422

Square

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



30.4946, 24.8589, 49.0899



30.4137, 24.8589, 12.7505



17.8777, 24.8589, 12.8693



17.9344, 24.8589, 49.3813

Rectangle

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



30.4946, 24.8589, 49.0899



33.5805, 24.8589, 24.7875



17.8777, 24.8589, 12.8693



15.8658, 24.8589, 29.4823

Sweetspot

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



30.4954, 24.8599, 49.0904



73.1531, 72.2502, 92.2947



26.6871, 27.6569, 49.8310



15.5089, 15.1745, 19.8332



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.4954, 24.8599, 49.0904



49.6906, 37.5159, 86.8269



34.7284, 27.1431, 44.7261



9.0594, 8.9970, 11.3385



11.1795, 5.0744, 31.6433



0.4591, 0.2124, 1.1185

Inverse Universe

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



31.8798, 26.0036, 29.7255



52.8279, 40.0488, 45.6093



29.2329, 40.3627, 27.2063



9.1344, 9.0641, 10.0551



14.3348, 7.3077, 4.3837



0.5355, 0.2697, 0.3133

Previews

White Background



This preview shows how the XYZ color 30.4946, 24.8589, 49.0899 looks on a white background.

Color Contrast Check

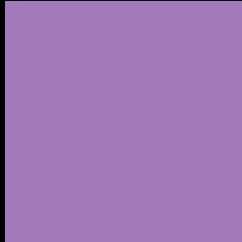
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4946, 24.8589, 49.0899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

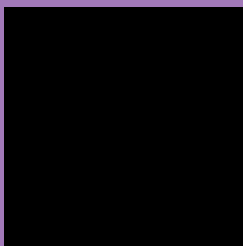
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4946, 24.8589, 49.0899

Background



This preview shows how black text looks on a background with the XYZ color 30.4946, 24.8589, 49.0899.



This preview shows how white text looks on a background with the XYZ color 30.4946, 24.8589,

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

30.4946, 24.8589, 49.0899

Protanopia

25.9639, 25.0954, 55.7000

Deuteranopia

25.5649, 25.0653, 47.7466



Tritanopia

26.2338, 24.8273, 28.2204

Trichromacy



Original Color

30.4946, 24.8589, 49.0899

Protanomaly

27.1699, 24.7576, 53.2159

Deuteranomaly

27.0111, 24.7874, 48.1606

Tritanomaly

27.6907, 24.8481, 34.7892

Monochromacy



Original Color

30.4946, 24.8589, 49.0899

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.0053, 25.8741, 35.4692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4946, 24.8589, 49.0899 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(162, 121, 185)` looks like.

```
.text, #text, p{  
    color:rgb(162, 121, 185)  
}
```

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(162, 121, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 121, 185) }
```

Border

The CSS property to change the border of an element to XYZ 30.4946, 24.8589, 49.0899 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(162, 121, 185) }
```


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

```
.border{ border-color:rgb(162, 121, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 121, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 121, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 121, 185);  
box-shadow:4px 4px 4px 4px rgb(162, 121,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4946, 24.8589, 49.0899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 121, 185) }
```

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

```
.background{ background-color: rgb(162,  
121, 185) }
```

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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