

Converting Colors

XYZ(29.2724, 26.3640, 47.8019)

Have a look what the booklet for
XYZ(29.2724, 26.3640, 47.8019)
contains.

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Color

**XYZ(29.2724, 26.3640,
47.8019)**

Conversions

Conversions Part 1

Format	Color
Hex	9684B6
RGB	150, 132, 182
RGB Percent	59%, 52%, 71%
CMY	0.4118, 0.4823, 0.2863
CMYK	0.18, 0.27, 0.00, 0.29
HSL	262°, 26%, 62%
HSV	262°, 27%, 71%
XYZ	29.2724, 26.3640, 47.8019
YIQ	143.0820, -5.3220, 19.3660

Conversions

Conversions Part 2

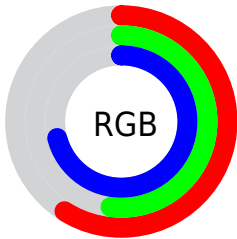
Format	Color
RYB	150, 132, 182
Decimal	9864374
CIELab	58.38, 17.05, -23.76
CIELCh	58, 29.246, 305.661
Yxy	26.3640, 0.2830, 0.2549
Android (android.graphics.Color)	4288054454 (0xFF9684B6)
YUV	143.0820, 19.1866, 6.0671
Hunter-Lab	51.3459, 11.9079, -19.2556

Details

The XYZ color **29.2724, 26.3640, 47.8019** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.2036, 43.0151, 28.2257**, and the grayscale version is **26.0692, 27.4269, 29.8678**.

A 20% lighter version of the original color is **57.9584, 53.8501, 88.2283**, and **12.0167, 10.2162, 22.1075** is the 20% darker color. If you saturate the color by 10%, you get **24.9785, 20.8012, 46.9549**, and if you desaturate by 10%, it is **34.2117, 32.8999, 48.8036**.

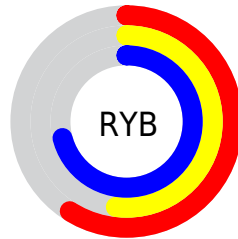
Distribution



Red (59%)

Green (52%)

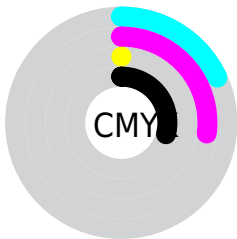
Blue (71%)



Red (59%)

Yellow (52%)

Blue (71%)

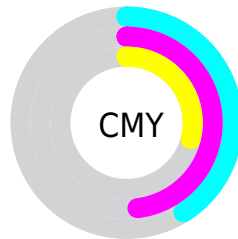


Cyan (18%)

Magenta (27%)

Yellow (0%)

Black (29%)



Cyan (41%)

Magenta (48%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2724, 26.3640, 47.8019 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 29.2724, 26.3640, 47.8019 by changing the saturation by 10% instead.

■ 29.2724, 26.3640,
47.8019

■ 29.2724, 26.3640,
47.8019

290.4691,
284.5644, 394.4924

■ 19.4323, 17.0961,
33.3112

■ 57.9042, 53.8616,
88.2719

■ 12.0889, 10.3031,
22.0919

■ 77.4265, 72.8601,
115.0882

■ 6.8769, 5.6004,
13.7254

■ 100.9071, 95.8710,
146.8500

■ 3.4309, 2.6036,
7.7934

128.7111,
123.2786, 183.9761

■ 1.3855, 0.9285,
3.8772

161.2039,
155.4674, 226.8848

■ 0.2459, 0.0000,
1.5582

198.7510,

■ 0.0000, 0.0000,

192.8216, 275.9947

0.2607

241.7176,
235.7259, 331.7244

■ 0.0000, 0.0000,
0.0000

■ 29.2724, 26.3640,
47.8019

■ 29.2724, 26.3640,
47.8019

■ 24.9785, 20.8012,
46.9549

■ 34.2117, 32.8999,
48.8036

■ 21.2988, 16.1603,
46.2531

■ 39.8205, 40.4503,
49.9653

■ 18.2034, 12.3904,
45.6886

■ 46.1247, 49.0579,
51.2945

■ 15.6584, 9.4340,
45.2520

■ 53.1481, 58.7620,
52.7974

■ 13.6262, 7.2265,
44.9331

■ 60.9133, 69.6001,
54.4801

■ 12.0637, 5.6927,
44.7194

■ 69.4419, 81.6077,
56.3483

■ 10.9098, 4.7230,
44.5930

■ 77.3333, 91.9765,
57.9337

■ 10.6579, 4.5189,
44.5669

■ 81.2310, 93.9858,
58.1161

■ 85.3838, 96.1266,
58.3105

Harmonies

Analogous

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



25.7407, 26.3640, 53.0204



29.2724, 26.3640, 47.8019



31.8399, 26.3640, 37.5847

Triad

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



29.2724, 26.3640, 47.8019



27.9920, 26.3640, 14.2725



18.8348, 26.3640, 30.6870

Complementary

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



29.2724, 26.3640, 47.8019



36.2036, 43.0151, 28.2257

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.



19.3151, 26.3640, 21.3486



29.2724, 26.3640, 47.8019



24.3879, 26.3640, 13.2620

Square

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



29.2724, 26.3640, 47.8019



31.0530, 26.3640, 18.7112



21.2692, 26.3640, 15.5232



19.8893, 26.3640, 41.7451

Rectangle

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



29.2724, 26.3640, 47.8019



32.5369, 26.3640, 30.2177



21.2692, 26.3640, 15.5232



18.8234, 26.3640, 27.2454

Sweetspot

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



29.2733, 26.3651, 47.8025



71.4793, 72.3671, 90.4366



31.3253, 35.0141, 49.3638



15.4343, 15.5056, 19.9010



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.



29.2733, 26.3651, 47.8025



48.1960, 41.4545, 85.6970



34.2628, 28.9373, 48.0360



8.8181, 8.8726, 11.3273



7.5933, 3.2257, 31.4755



0.3366, 0.1492, 1.1128

Inverse Universe

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



34.2444, 29.1291, 38.9409



58.8604, 47.3914, 66.3527



31.6249, 40.6546, 28.0114



9.2400, 9.1064, 10.6112



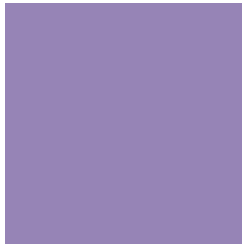
15.9022, 7.9346, 12.6375



0.5891, 0.2911, 0.5954

Previews

White Background



This preview shows how the XYZ color 29.2724, 26.3640, 47.8019 looks on a white background.

Color Contrast Check

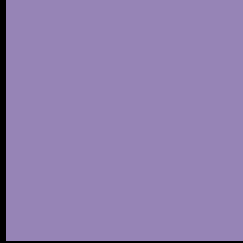
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2724, 26.3640, 47.8019 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 29.2724, 26.3640, 47.8019

Background



This preview shows how black text looks on a background with the XYZ color 29.2724, 26.3640, 47.8019.



This preview shows how white text looks on a background with the XYZ color 29.2724, 26.3640,

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

29.2724, 26.3640, 47.8019

Protanopia

26.9547, 26.5651, 50.7206

Deuteranopia

27.1018, 26.4997, 47.4026



Tritanopia

26.0149, 26.2762, 32.1344

Trichromacy



Original Color

29.2724, 26.3640, 47.8019

Protanomaly

27.5528, 26.2620, 49.5158

Deuteranomaly

27.7921, 26.4335, 47.3534

Tritanomaly

27.0912, 26.2925, 37.3653

Monochromacy



Original Color

29.2724, 26.3640, 47.8019

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.1725, 27.0106, 35.6797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2724, 26.3640, 47.8019 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(150, 132, 182)` looks like.

```
.text, #text, p{  
    color:rgb(150, 132, 182)  
}
```

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(150, 132, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 132, 182) }
```

Border

The CSS property to change the border of an element to XYZ 29.2724, 26.3640, 47.8019 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(150, 132, 182) }
```


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

```
.border{ border-color:rgb(150, 132, 182) }
```

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

Here you see how a box with a 4 pixel rgb(150, 132, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 132, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 132, 182);  
box-shadow:4px 4px 4px 4px rgb(150, 132,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2724, 26.3640, 47.8019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 132, 182) }
```

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

```
.background{ background-color: rgb(150,  
132, 182) }
```

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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