

Converting Colors

XYZ(27.4274, 23.2732, 48.9584)

Have a look what the booklet for
XYZ(27.4274, 23.2732, 48.9584)
contains.

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Color

**XYZ(27.4484, 23.2885,
48.9474)**

Conversions

Conversions Part 1

Format	Color
Hex	9279B9
RGB	146, 121, 185
RGB Percent	57%, 47%, 73%
CMY	0.4274, 0.5255, 0.2745
CMYK	0.21, 0.35, 0.00, 0.27
HSL	263°, 31%, 60%
HSV	263°, 35%, 73%
XYZ	27.4484, 23.2885, 48.9474
YIQ	135.7710, -5.6440, 25.2040

Conversions

Conversions Part 2

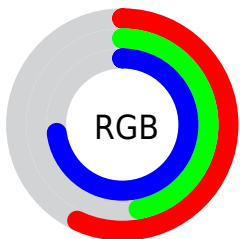
Format	Color
RYB	146, 121, 185
Decimal	9599417
CIELab	55.37, 22.87, -30.16
CIELCh	55, 37.852, 307.174
Yxy	23.2885, 0.2754, 0.2336
Android (android.graphics.Color)	4287789497 (0xFF9279B9)
YUV	135.7710, 24.2699, 8.9708
Hunter-Lab	48.2582, 17.0759, -26.3561

Details

The XYZ color **27.4484, 23.2885, 48.9474** is a light color, and the websafe version is hex **996699**. A complement of this color would be **35.2980, 43.5525, 24.6361**, and the grayscale version is **23.2305, 24.4403, 26.6155**.

A 20% lighter version of the original color is **55.1006, 49.0405, 89.7807**, and **11.0983, 8.6804, 22.9203** is the 20% darker color. If you saturate the color by 10%, you get **23.5061, 18.2331, 48.1798**, and if you desaturate by 10%, it is **32.0211, 29.3099, 49.8690**.

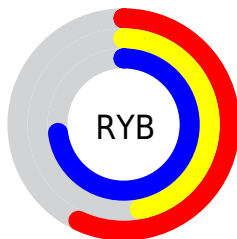
Distribution



Red (57%)

Green (47%)

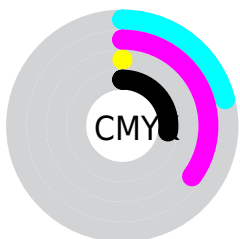
Blue (73%)



Red (57%)

Yellow (47%)

Blue (73%)

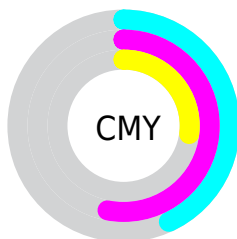


Cyan (21%)

Magenta (35%)

Yellow (0%)

Black (27%)



Cyan (43%)

Magenta (53%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4484, 23.2885, 48.9474 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 27.4484, 23.2885, 48.9474 by changing the saturation by 10% instead.

■ 27.4484, 23.2885,
48.9474

■ 27.4484, 23.2885,
48.9474

281.9498,
269.2033, 399.1517

■ 18.0486, 14.8067,
34.2124

■ 55.0174, 48.8666,
89.9935

■ 11.0848, 8.6838,
22.7782

■ 73.9173, 66.7317,
117.1417

■ 6.1916, 4.5355,
14.2260

■ 96.7146, 88.4933,
149.2648

■ 3.0037, 1.9774,
8.1375

123.7747,
114.5359, 186.7813

■ 1.1557, 0.5943,
4.0940

155.4629,
145.2438, 230.1097

■ 0.0710, 0.0000,
1.6771

192.1446,

■ 0.0000, 0.0000,

181.0014, 279.6685

0.3449

234.1851,
222.1931, 335.8763

■ 0.0000, 0.0000,
0.0000

■ 27.4484, 23.2885,
48.9474

■ 27.4484, 23.2885,
48.9474

■ 23.5061, 18.2331,
48.1798

■ 32.0211, 29.3099,
49.8690

■ 20.1612, 14.0885,
47.5561

■ 37.2500, 36.3428,
50.9509

■ 17.3816, 10.7981,
47.0675

■ 43.1623, 44.4331,
52.2009

■ 15.1302, 8.2975,
46.7035

■ 49.7828, 53.6232,
53.6258

■ 13.3653, 6.5128,
46.4520

■ 57.1352, 63.9530,
55.2322

■ 12.0372, 5.3550,
46.2985

■ 65.2420, 75.4603,
57.0260

■ 11.4494, 4.8908,
46.2399

■ 74.1245, 88.1814,
59.0133

■ 79.1721, 92.8882,
59.6557

■ 83.0383, 94.8813,
59.8367

Harmonies

Analogous

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



23.1712, 23.2885, 56.3827



27.4484, 23.2885, 48.9474



30.5525, 23.2885, 35.5620

Triad

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



27.4484, 23.2885, 48.9474



25.4586, 23.2885, 9.3260



14.9774, 23.2885, 28.3932

Complementary

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



27.4484, 23.2885, 48.9474



35.2980, 43.5525, 24.6361

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.



15.4257, 23.2885, 17.3192



27.4484, 23.2885, 48.9474



21.1302, 23.2885, 8.5047

Square

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



27.4484, 23.2885, 48.9474



29.3050, 23.2885, 13.6828



17.5558, 23.2885, 10.9080



16.2418, 23.2885, 42.2881

Rectangle

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



27.4484, 23.2885, 48.9474



31.3402, 23.2885, 26.5287



17.5558, 23.2885, 10.9080



14.9358, 23.2885, 24.2207

Sweetspot

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



27.4492, 23.2894, 48.9479



71.2508, 71.2695, 92.2057



29.2947, 32.8722, 50.7003



15.0468, 14.9363, 19.8115



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.



27.4492, 23.2894, 48.9479



43.3610, 34.2529, 86.5307



33.8482, 26.5882, 49.2474



8.8440, 8.8860, 11.3285



7.8726, 3.3696, 31.4885



0.3476, 0.1549, 1.1133

Inverse Universe

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



33.1908, 26.5279, 36.6294



55.5389, 41.1332, 59.8853



29.7733, 40.7044, 24.3776



9.2283, 9.1017, 10.5495



15.6793, 7.8455, 11.4639



0.5822, 0.2883, 0.5591

Previews

White Background



This preview shows how the XYZ color 27.4484, 23.2885, 48.9474 looks on a white background.

Color Contrast Check

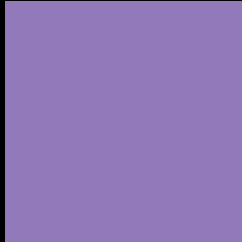
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4484, 23.2885, 48.9474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

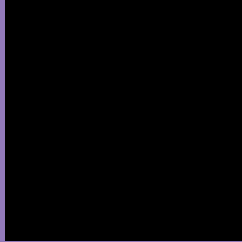
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4484, 23.2885, 48.9474

Background



This preview shows how black text looks on a background with the XYZ color 27.4484, 23.2885, 48.9474.



This preview shows how white text looks on a background with the XYZ color 27.4484, 23.2885,

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

27.4484, 23.2885, 48.9474

Protanopia

24.4240, 23.5276, 53.7061

Deuteranopia

23.9997, 23.4334, 48.0579



Tritanopia

23.1975, 23.2620, 28.0783

Trichromacy



Original Color

27.4484, 23.2885, 48.9474

Protanomaly

25.1958, 23.1815, 51.8617

Deuteranomaly

25.1432, 23.2286, 48.5058

Tritanomaly

24.5746, 23.2418, 34.6434

Monochromacy



Original Color

27.4484, 23.2885, 48.9474

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.7643, 24.1411, 33.9263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4484, 23.2885, 48.9474 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, 121, 185)` looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 121, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 121, 185) }
```

Border

The CSS property to change the border of an element to XYZ 27.4484, 23.2885, 48.9474 is called "border". The border property can be set on classes, ids or directly on the HTML element.

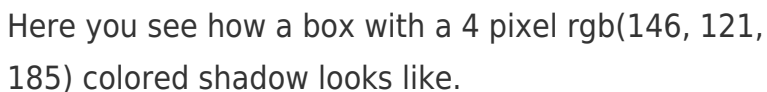
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(146, 121, 185) }
```


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

```
.border{ border-color:rgb(146, 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(146, 121, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 121, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 121, 185); box-shadow:4px 4px 4px 4px rgb(146, 121, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4484, 23.2885, 48.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 121, 185) }
```

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

```
.background{ background-color: rgb(146,  
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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