

Converting Colors

XYZ(27.4812, 23.5325, 46.8727)

Have a look what the booklet for
XYZ(27.4812, 23.5325, 46.8727)
contains.

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Color

**XYZ(27.5128, 23.5512,
46.8118)**

Conversions

Conversions Part 1

Format	Color
Hex	947AB5
RGB	148, 122, 181
RGB Percent	58%, 48%, 71%
CMY	0.4196, 0.5216, 0.2902
CMYK	0.18, 0.33, 0.00, 0.29
HSL	266°, 29%, 59%
HSV	266°, 33%, 71%
XYZ	27.5128, 23.5512, 46.8118
YIQ	136.5000, -3.4430, 23.8610

Conversions

Conversions Part 2

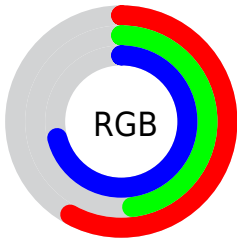
Format	Color
RYB	148, 122, 181
Decimal	9730741
CIELab	55.64, 21.98, -27.44
CIELCh	56, 35.155, 308.694
Yxy	23.5512, 0.2811, 0.2406
Android (android.graphics.Color)	4287920821 (0xFF947AB5)
YUV	136.5000, 21.9385, 10.0855
Hunter-Lab	48.5296, 16.2700, -23.2206

Details

The XYZ color **27.5128, 23.5512, 46.8118** is a light color, and the websafe version is hex **996699**. A complement of this color would be **33.5550, 41.4220, 24.6401**, and the grayscale version is **23.5111, 24.7355, 26.9370**.

A 20% lighter version of the original color is **55.2446, 49.4709, 86.7579**, and **11.1027, 8.8104, 21.5375** is the 20% darker color. If you saturate the color by 10%, you get **23.7422, 18.6103, 46.0572**, and if you desaturate by 10%, it is **31.8591, 29.4044, 47.7129**.

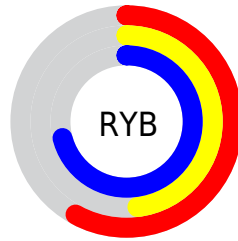
Distribution



Red (58%)

Green (48%)

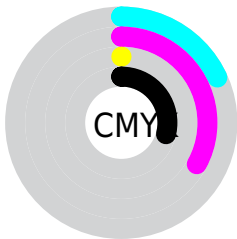
Blue (71%)



Red (58%)

Yellow (48%)

Blue (71%)

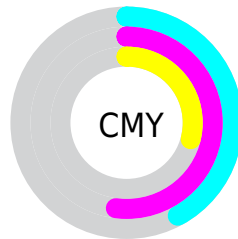


Cyan (18%)

Magenta (33%)

Yellow (0%)

Black (29%)



Cyan (42%)

Magenta (52%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5128, 23.5512, 46.8118 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 27.5128, 23.5512, 46.8118 by changing the saturation by 10% instead.

■ 27.5128, 23.5512,
46.8118

■ 27.5128, 23.5512,
46.8118

282.2540,
270.5436, 390.4348

■ 18.0973, 15.0010,
32.5336

■ 55.1198, 49.2968,
86.7797

■ 11.1200, 8.8201,
21.5012

■ 74.0419, 67.2611,
113.3064

■ 6.2155, 4.6240,
13.2961

■ 96.8637, 89.1321,
144.7532

■ 3.0184, 2.0284,
7.4996

123.9504,
115.2944, 181.5384

■ 1.1635, 0.6239,
3.6933

155.6675,
146.1323, 224.0806

■ 0.0773, 0.0000,
1.4587

192.3802,

■ 0.0000, 0.0000,

182.0302, 272.7984

0.1868

234.4539,
223.3725, 328.1103

■ 0.0000, 0.0000,
0.0000

■ 27.5128, 23.5512,
46.8118

■ 27.5128, 23.5512,
46.8118

■ 23.7422, 18.6103,
46.0572

■ 31.8591, 29.4044,
47.7129

■ 20.5178, 14.5306,
45.4397

■ 36.8038, 36.2116,
48.7662

■ 17.8109, 11.2604,
44.9512

■ 42.3713, 44.0152,
49.9790

■ 15.5888, 8.7409,
44.5820

■ 48.5840, 52.8543,
51.3577

■ 13.8145, 6.9052,
44.3212

■ 55.4629, 62.7657,
52.9082

■ 12.4444, 5.6732,
44.1556

■ 63.0280, 73.7845,
54.6363

■ 11.6288, 5.0314,
44.0747

■ 71.2986, 85.9442,
56.5475

■ 76.4112, 91.5130,
57.3529

■ 79.7364, 93.2272,
57.5085

Harmonies

Analogous

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



23.5604, 23.5512, 53.9501



27.5128, 23.5512, 46.8118



30.2902, 23.5512, 34.4509

Triad

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



27.5128, 23.5512, 46.8118



25.2794, 23.5512, 10.1745



15.6455, 23.5512, 29.0974

Complementary

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



27.5128, 23.5512, 46.8118



33.5550, 41.4220, 24.6401

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.



15.9904, 23.5512, 18.4814



27.5128, 23.5512, 46.8118



21.2488, 23.5512, 9.5169

Square

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



27.5128, 23.5512, 46.8118



28.8982, 23.5512, 14.2456



17.9370, 23.5512, 12.0683



16.9318, 23.5512, 41.9126

Rectangle

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



27.5128, 23.5512, 46.8118



30.9316, 23.5512, 26.1457



17.9370, 23.5512, 12.0683



15.5780, 23.5512, 25.1473

Sweetspot

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



27.5136, 23.5522, 46.8123



68.2314, 68.0805, 87.8393



28.1609, 31.0618, 48.2277



14.4605, 14.3149, 18.9232



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.5136, 23.5522, 46.8123



44.4058, 35.7713, 82.8587



33.4473, 26.6111, 47.0900



8.3855, 8.4073, 10.6871



8.0937, 3.5082, 30.3876



0.3221, 0.1451, 0.9593

Inverse Universe

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



31.9327, 26.1103, 34.3679



53.7366, 41.1786, 56.3204



28.6319, 38.8840, 24.4097



8.6887, 8.5822, 9.8591



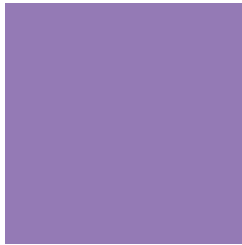
14.7996, 7.4374, 9.3704



0.4944, 0.2455, 0.4462

Previews

White Background



This preview shows how the XYZ color 27.5128, 23.5512, 46.8118 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 27.5128, 23.5512, 46.8118 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 27.5128, 23.5512, 46.8118

Background



This preview shows how black text looks on a background with the XYZ color 27.5128, 23.5512, 46.8118.



This preview shows how white text looks on a background with the XYZ color 27.5128, 23.5512,

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

27.5128, 23.5512, 46.8118

Protanopia

24.3959, 23.5764, 50.8419

Deuteranopia

24.1381, 23.5522, 45.9216



Tritanopia

23.7008, 23.5214, 28.1019

Trichromacy



Original Color

27.5128, 23.5512, 46.8118

Protanomaly

25.3782, 23.5303, 49.1032

Deuteranomaly

25.3175, 23.5589, 46.3930

Tritanomaly

25.0074, 23.4746, 34.2234

Monochromacy



Original Color

27.5128, 23.5512, 46.8118

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.9855, 24.4652, 33.5424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5128, 23.5512, 46.8118 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(148, 122, 181)` looks like.

```
.text, #text, p{  
    color:rgb(148, 122, 181)  
}
```

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(148, 122, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 122, 181) }
```

Border

The CSS property to change the border of an element to XYZ 27.5128, 23.5512, 46.8118 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(148, 122, 181) }
```


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

```
.border{ border-color:rgb(148, 122, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 122, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 122, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 122, 181);  
box-shadow:4px 4px 4px 4px rgb(148, 122,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5128, 23.5512, 46.8118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 122, 181) }
```

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

```
.background{ background-color: rgb(148,  
122, 181) }
```

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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