

Converting Colors

XYZ(27.7005, 23.9565, 48.7740)

Have a look what the booklet for
XYZ(27.7005, 23.9565, 48.7740)
contains.

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Color

**XYZ(27.7134, 23.9870,
48.5167)**

Conversions

Conversions Part 1

Format	Color
Hex	927CB8
RGB	146, 124, 184
RGB Percent	57%, 49%, 72%
CMY	0.4274, 0.5137, 0.2784
CMYK	0.21, 0.33, 0.00, 0.28
HSL	262°, 30%, 60%
HSV	262°, 33%, 72%
XYZ	27.7134, 23.9870, 48.5167
YIQ	137.4180, -6.1480, 23.3240

Conversions

Conversions Part 2

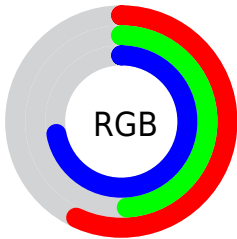
Format	Color
R _Y B	146, 124, 184
Decimal	9600184
CIE Lab	56.07, 20.89, -28.49
CIE LCh	56, 35.328, 306.244
Yxy	23.9870, 0.2765, 0.2394
Android (android.graphics.Color)	4287790264 (0xFF927CB8)
YUV	137.4180, 22.9649, 7.5264
Hunter-Lab	48.9765, 15.2954, -24.4498

Details

The XYZ color **27.7134, 23.9870, 48.5167** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.6797, 43.4182, 25.5699**, and the grayscale version is **23.8541, 25.0964, 27.3300**.

A 20% lighter version of the original color is **55.5377, 50.1531, 89.1914**, and **11.2289, 9.0505, 22.6278** is the 20% darker color. If you saturate the color by 10%, you get **23.6521, 18.7842, 47.7269**, and if you desaturate by 10%, it is **32.4177, 30.1611, 49.4609**.

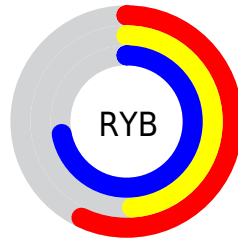
Distribution



Red (57%)

Green (49%)

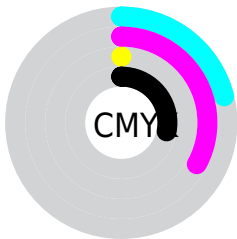
Blue (72%)



Red (57%)

Yellow (49%)

Blue (72%)

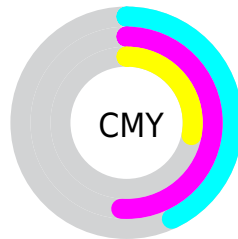


Cyan (21%)

Magenta (33%)

Yellow (0%)

Black (28%)



Cyan (43%)

Magenta (51%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7134, 23.9870, 48.5167 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 27.7134, 23.9870, 48.5167 by changing the saturation by 10% instead.

■ 27.7134, 23.9870,
48.5167

■ 27.7134, 23.9870,
48.5167

283.1999,
272.7547, 397.4042

■ 18.2491, 15.3240,
33.8734

■ 55.4384, 50.0090,
89.3468

■ 11.2297, 9.0471,
22.5198

■ 74.4298, 68.1367,
116.3706

■ 6.2900, 4.7719,
14.0373

■ 97.3276, 90.1882,
148.3583

■ 3.0645, 2.1141,
8.0076

124.4971,
116.5477, 185.7284

■ 1.1880, 0.6725,
4.0120

156.3037,
147.5998, 228.8995

■ 0.0969, 0.0000,
1.6319

193.1128,

■ 0.0000, 0.0000,

183.7287, 278.2902

0.3134

235.2898,
225.3189, 334.3189

■ 0.0000, 0.0000,
0.0000

■ 27.7134, 23.9870,
48.5167

■ 27.7134, 23.9870,
48.5167

■ 23.6521, 18.7842,
47.7269

■ 32.4177, 30.1611,
49.4609

■ 20.2012, 14.4985,
47.0816

■ 37.7909, 37.3510,
50.5655

■ 17.3285, 11.0749,
46.5722

■ 43.8599, 45.6017,
51.8381

■ 14.9977, 8.4511,
46.1885

■ 50.6499, 54.9549,
53.2856

■ 13.1677, 6.5556,
45.9191

■ 58.1844, 65.4498,
54.9142

■ 11.7904, 5.3040,
45.7502

■ 66.4859, 77.1237,
56.7300

■ 10.9986, 4.6705,
45.6696

■ 75.5759, 90.0122,
58.7386

■ 80.0862, 93.3715,
59.1493

■ 84.1536, 95.4684,
59.3397

Harmonies

Analogous

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



23.6553, 23.9870, 55.1078



27.7134, 23.9870, 48.5167



30.6843, 23.9870, 36.1582

Triad

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



27.7134, 23.9870, 48.5167



26.0779, 23.9870, 10.5749



15.9083, 23.9870, 28.6160

Complementary

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



27.7134, 23.9870, 48.5167



35.6797, 43.4182, 25.5699

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.



16.3954, 23.9870, 18.1328



27.7134, 23.9870, 48.5167



21.9635, 23.9870, 9.6430

Square

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



27.7134, 23.9870, 48.5167



29.6647, 23.9870, 15.0378



18.5028, 23.9870, 11.9570



17.0838, 23.9870, 41.6247

Rectangle

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



27.7134, 23.9870, 48.5167



31.4740, 23.9870, 27.6044



18.5028, 23.9870, 11.9570



15.8852, 23.9870, 24.6855

Sweetspot

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



27.7142, 23.9880, 48.5172



71.0719, 71.1773, 92.1973



30.0619, 33.9410, 50.3146



15.0035, 14.9139, 19.8095



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.



27.7142, 23.9880, 48.5172



44.9334, 36.6608, 86.9126



33.5393, 26.9909, 48.7899



8.8237, 8.8755, 11.3275



7.6520, 3.2559, 31.4782



0.3389, 0.1504, 1.1129

Inverse Universe

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



33.4972, 27.2153, 37.6710



57.2165, 43.5258, 63.4119



30.4522, 40.7234, 25.3252



9.2374, 9.1053, 10.5977



15.8525, 7.9147, 12.3758



0.5875, 0.2905, 0.5874

Previews

White Background



This preview shows how the XYZ color 27.7134, 23.9870, 48.5167 looks on a white background.

Color Contrast Check

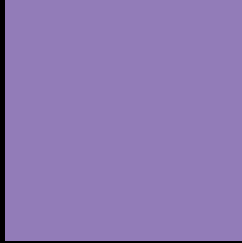
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7134, 23.9870, 48.5167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

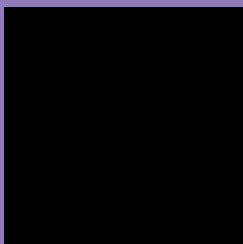
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7134, 23.9870, 48.5167

Background



This preview shows how black text looks on a background with the XYZ color 27.7134, 23.9870, 48.5167.



This preview shows how white text looks on a background with the XYZ color 27.7134, 23.9870,

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

27.7134, 23.9870, 48.5167

Protanopia

24.9940, 24.2496, 52.6535

Deuteranopia

24.7162, 24.2174, 47.6277



Tritanopia

23.8567, 23.9747, 29.3568

Trichromacy



Original Color

27.7134, 23.9870, 48.5167

Protanomaly

25.8121, 24.1081, 50.8698

Deuteranomaly

25.7358, 24.1300, 48.1009

Tritanomaly

25.1771, 23.9199, 35.6378

Monochromacy



Original Color

27.7134, 23.9870, 48.5167

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.8992, 24.4111, 33.9713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7134, 23.9870, 48.5167 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, 124, 184)` looks like.

```
.text, #text, p{  
    color:rgb(146, 124, 184)  
}
```

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, 124, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 124, 184) }
```

Border

The CSS property to change the border of an element to XYZ 27.7134, 23.9870, 48.5167 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, 124, 184) }
```


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

```
.border{ border-color:rgb(146, 124, 184) }
```

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

Here you see how a box with a 4 pixel rgb(146, 124, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 124, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 124, 184);  
box-shadow:4px 4px 4px 4px rgb(146, 124,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7134, 23.9870, 48.5167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 124, 184) }
```

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

```
.background{ background-color: rgb(146,  
124, 184) }
```

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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