

Converting Colors

XYZ(16.9582, 9.7259, 27.2477)

Have a look what the booklet for
XYZ(16.9582, 9.7259, 27.2477)
contains.

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Color

**XYZ(16.9062, 9.7030,
27.3674)**

Conversions

Conversions Part 1

Format	Color
Hex	8C3090
RGB	140, 48, 144
RGB Percent	55%, 19%, 56%
CMY	0.4510, 0.8117, 0.4353
CMYK	0.03, 0.67, 0.00, 0.44
HSL	298°, 50%, 38%
HSV	298°, 67%, 56%
XYZ	16.9062, 9.7030, 27.3674
YIQ	86.4520, 24.0160, 49.3600

Conversions

Conversions Part 2

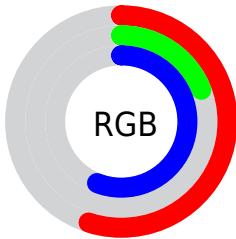
Format	Color
R _Y B	140, 48, 144
Decimal	9187472
CIE Lab	37.30, 51.44, -34.31
CIE LCh	37, 61.831, 326.291
Yxy	9.7030, 0.3132, 0.1798
Android (android.graphics.Color)	4287377552 (0xFF8C3090)
YUV	86.4520, 28.3712, 46.9616
Hunter-Lab	31.1496, 42.3675, -30.2862

Details

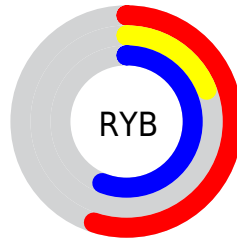
The XYZ color **16.9062, 9.7030, 27.3674** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **11.9233, 20.8903, 6.2006**, and the grayscale version is **8.8799, 9.3423, 10.1738**.

A 20% lighter version of the original color is **37.6117, 25.1203, 56.2924**, and **5.8135, 2.7687, 10.5839** is the 20% darker color. If you saturate the color by 10%, you get **16.3094, 8.6587, 27.1974**, and if you desaturate by 10%, it is **17.6955, 11.1308, 27.6015**.

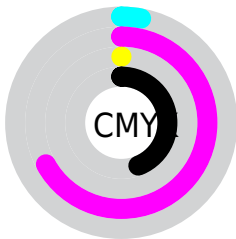
Distribution



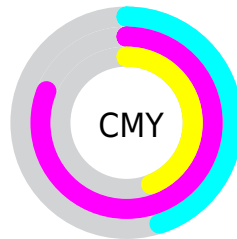
- Red (55%)
- Green (19%)
- Blue (56%)



- Red (55%)
- Yellow (19%)
- Blue (56%)



- Cyan (3%)
- Magenta (67%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (81%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9062, 9.7030, 27.3674 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 16.9062, 9.7030, 27.3674 by changing the saturation by 10% instead.

16.9062, 9.7030,
27.3674

16.9062, 9.7030,
27.3674

227.7981,
188.5390, 303.2479

10.2625, 5.2025,
17.6145

37.7093, 25.2354,
56.4838

5.6370, 2.3666,
10.5070

52.5995, 37.0360,
76.6843

2.6642, 0.8086,
5.6264

70.9691, 52.0388,
101.2044

0.9788, 0.0000,
2.5542

93.1837, 70.6281,
130.4626

0.0000, 0.0000,
0.8687

119.6085, 93.1884,
164.8776

0.0000, 0.0000,
0.0000

150.6090,

120.1041, 204.8677

186.5504,
151.7595, 250.8517

■ 16.9062, 9.7030,
27.3674

■ 16.9062, 9.7030,
27.3674

■ 16.3094, 8.6587,
27.1974

■ 17.6955, 11.1308,
27.6015

■ 15.8847, 7.9582,
27.0846

■ 18.6930, 12.9744,
27.9048

■ 15.6007, 7.5384,
27.0185

■ 19.9139, 15.2640,
28.2824

■ 15.5154, 7.4170,
26.9996

■ 21.3717, 18.0267,
28.7388

■ 23.0789, 21.2874,
29.2782

■ 25.0472, 25.0694,
29.9045

■ 27.2874, 29.3942,
30.6212

■ 29.8096, 34.2825,
31.4318

■ 32.6238, 39.7537,
32.3395

Harmonies

Analogous

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



12.9290, 9.7030, 43.5328



16.9062, 9.7030, 27.3674



18.8263, 9.7030, 12.0052

Triad

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



16.9062, 9.7030, 27.3674



9.7125, 9.7030, 0.1829



4.0281, 9.7030, 23.1040

Complementary

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



16.9062, 9.7030, 27.3674



11.9233, 20.8903, 6.2006

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.



3.6091, 9.7030, 9.2447



16.9062, 9.7030, 27.3674



6.3020, 9.7030, 0.6210

Square

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



16.9062, 9.7030, 27.3674



14.0024, 9.7030, 0.9006



4.3118, 9.7030, 2.5995



5.6767, 9.7030, 40.0830

Rectangle

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



16.9062, 9.7030, 27.3674



18.3740, 9.7030, 5.6411



4.3118, 9.7030, 2.5995



3.7629, 9.7030, 17.7465

Sweetspot

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



16.9066, 9.7034, 27.3676



39.5246, 35.2856, 51.2657



7.5174, 5.1705, 26.9875



8.8900, 7.7597, 11.7014



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.9066, 9.7034, 27.3676



28.3573, 14.5858, 47.8588



14.8981, 8.9793, 13.2092



5.6044, 5.4997, 6.7949



13.5161, 6.4614, 23.5119



0.1337, 0.0641, 0.2250

Inverse Universe

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



13.1787, 8.2916, 4.1552



21.3990, 11.9730, 3.5107



13.0896, 21.3340, 13.3714



5.4174, 5.4275, 5.6962



10.0467, 5.1757, 0.6312



0.0975, 0.0501, 0.0137

Previews

White Background



This preview shows how the XYZ color 16.9062, 9.7030, 27.3674 looks on a white 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 ✓ Pass

Black Background



This preview shows how the XYZ color 16.9062, 9.7030, 27.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

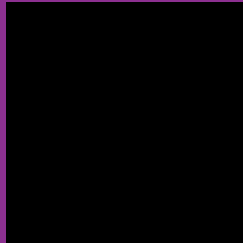
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.9062, 9.7030, 27.3674

Background



This preview shows how black text looks on a background with the XYZ color 16.9062, 9.7030, 27.3674.



This preview shows how white text looks on a background with the XYZ color 16.9062, 9.7030,

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

16.9062, 9.7030, 27.3674

Protanopia

11.7553, 9.9307, 44.4773

Deuteranopia

10.0550, 9.8424, 25.0367



Tritanopia

12.9759, 9.7939, 7.8631

Trichromacy



Original Color

16.9062, 9.7030, 27.3674

Protanomaly

11.3423, 8.4815, 37.5985

Deuteranomaly

11.4306, 8.8827, 25.9230

Tritanomaly

14.0145, 9.5162, 13.1548

Monochromacy



Original Color

16.9062, 9.7030, 27.3674

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.9151, 8.7604, 15.0256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9062, 9.7030, 27.3674 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(140, 48, 144)` looks like.

```
.text, #text, p{  
    color:rgb(140, 48, 144)  
}
```

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(140, 48, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 48, 144) }
```

Border

The CSS property to change the border of an element to XYZ 16.9062, 9.7030, 27.3674 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(140, 48, 144) }
```


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

```
.border{ border-color:rgb(140, 48, 144) }
```

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

Here you see how a box with a 4 pixel rgb(140, 48, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 48, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 48, 144);  
box-shadow:4px 4px 4px 4px rgb(140, 48,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9062, 9.7030, 27.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 48, 144) }
```

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

```
.background{ background-color: rgb(140, 48,  
144) }
```

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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