

Converting Colors

XYZ(22.9286, 18.2715, 30.5945)

Have a look what the booklet for
XYZ(22.9286, 18.2715, 30.5945)
contains.

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Color

**XYZ(22.9387, 18.2520,
30.7478)**

Conversions

Conversions Part 1

Format	Color
Hex	976695
RGB	151, 102, 149
RGB Percent	59%, 40%, 58%
CMY	0.4078, 0.6000, 0.4157
CMYK	0.00, 0.32, 0.01, 0.41
HSL	302°, 19%, 50%
HSV	302°, 32%, 59%
XYZ	22.9387, 18.2520, 30.7478
YIQ	122.0090, 14.1170, 25.0050

Conversions

Conversions Part 2

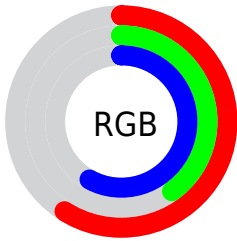
Format	Color
R_{YB}	151, 102, 149
Decimal	9922197
CIE _{Lab}	49.80, 27.68, -17.77
CIE _{LCh}	50, 32.889, 327.306
Yxy	18.2520, 0.3189, 0.2537
Android (android.graphics.Color)	4288112277 (0xFF976695)
YUV	122.0090, 13.3066, 25.4251
Hunter-Lab	42.7224, 21.0770, -12.7661

Details

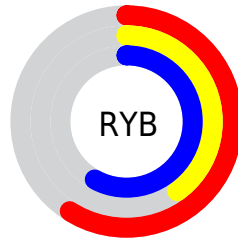
The XYZ color **22.9387, 18.2520, 30.7478** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.0456, 25.9581, 17.1043**, and the grayscale version is **18.4568, 19.4180, 21.1462**.

A 20% lighter version of the original color is **47.7887, 40.5448, 61.8071**, and **8.6694, 6.1728, 12.2898** is the 20% darker color. If you saturate the color by 10%, you get **21.5388, 15.5305, 30.0392**, and if you desaturate by 10%, it is **24.6103, 21.5159, 31.5487**.

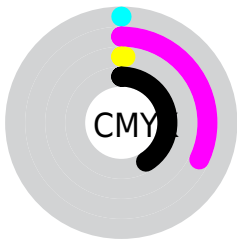
Distribution



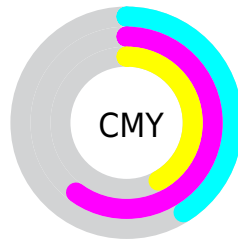
- Red (59%)
- Green (40%)
- Blue (58%)



- Red (59%)
- Yellow (40%)
- Blue (58%)



- Cyan (0%)
- Magenta (32%)
- Yellow (1%)
- Black (41%)



- Cyan (41%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9387, 18.2520, 30.7478 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 22.9387, 18.2520, 30.7478 by changing the saturation by 10% instead.

■ 22.9387, 18.2520,
30.7478

■ 22.9387, 18.2520,
30.7478

259.9512,
242.2876, 319.6899

■ 14.6687, 11.1311,
20.1500

■ 47.7601, 40.4663,
61.9177

■ 8.6720, 6.1551,
12.3190

■ 65.0421, 56.3284,
83.3269

■ 4.5833, 2.9396,
6.8361

■ 86.0589, 75.8730,
109.1770

■ 2.0371, 1.1003,
3.2829

■ 111.1758, 99.4845,
139.8866

■ 0.6547, 0.0000,
1.2409

140.7581,
127.5474, 175.8741

■ 0.0000, 0.0000,
0.0126

175.1712,

■ 0.0000, 0.0000,

160.4459, 217.5581

0.0000

214.7804,
198.5645, 265.3572

■ 22.9387, 18.2520,
30.7478

■ 22.9387, 18.2520,
30.7478

■ 21.5388, 15.5305,
30.0392

■ 24.6103, 21.5159,
31.5487

■ 20.3943, 13.3195,
29.4168

■ 26.5655, 25.3468,
32.4452

■ 19.4895, 11.5877,
28.8756

■ 28.8175, 29.7710,
33.4419

■ 18.8067, 10.2993,
28.4096

■ 31.3782, 34.8122,
34.5428

■ 18.3253, 9.4135,
28.0121

■ 34.2589, 40.4929,
35.7517

■ 18.0212, 8.8818,
27.6749

■ 37.4702, 46.8345,
37.0720

■ 17.8609, 8.6187,
27.4443

■ 41.0224, 53.8574,
38.5073

■ 44.9252, 61.5811,
40.0608

■ 49.1880, 70.0243,
41.7355

Harmonies

Analogous

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



20.2664, 18.2520, 39.5276



22.9387, 18.2520, 30.7478



24.1017, 18.2520, 20.6969

Triad

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



22.9387, 18.2520, 30.7478



17.6332, 18.2520, 7.1254



12.5189, 18.2520, 28.9034

Complementary

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



22.9387, 18.2520, 30.7478



19.0456, 25.9581, 17.1043

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.



11.9909, 18.2520, 19.0718



22.9387, 18.2520, 30.7478



14.7241, 18.2520, 8.1317

Square

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



22.9387, 18.2520, 30.7478



20.8164, 18.2520, 8.5878



12.7486, 18.2520, 11.9228



14.2880, 18.2520, 38.2564

Rectangle

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



22.9387, 18.2520, 30.7478



23.7714, 18.2520, 15.1625



12.7486, 18.2520, 11.9228



12.2004, 18.2520, 25.4710

Sweetspot

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



22.9393, 18.2528, 30.7482



48.4345, 47.0795, 58.4900



16.0046, 14.6592, 31.2645



10.8954, 10.4785, 13.2434



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.9393, 18.2528, 30.7482



39.1960, 29.0215, 54.1190



21.2077, 17.5602, 21.6299



6.4503, 6.3193, 7.7515



15.1972, 7.3331, 23.3610



0.2301, 0.1108, 0.3645

Inverse Universe

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



22.9393, 18.2528, 30.7482



39.1960, 29.0215, 54.1190



20.4519, 26.5206, 24.5099



6.4503, 6.3193, 7.7515



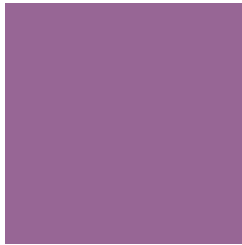
15.1972, 7.3331, 23.3610



0.2301, 0.1108, 0.3645

Previews

White Background



This preview shows how the XYZ color 22.9387, 18.2520, 30.7478 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 × Fail

Black Background



This preview shows how the XYZ color 22.9387, 18.2520, 30.7478 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 22.9387, 18.2520, 30.7478

Background



This preview shows how black text looks on a background with the XYZ color 22.9387, 18.2520, 30.7478.



This preview shows how white text looks on a background with the XYZ color 22.9387, 18.2520,

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

22.9387, 18.2520, 30.7478

Protanopia

18.7699, 18.3864, 35.8174

Deuteranopia

18.6362, 18.2791, 29.7401



Tritanopia

20.6061, 18.2125, 19.2589

Trichromacy



Original Color

22.9387, 18.2520, 30.7478

Protanomaly

19.9633, 18.1996, 33.9132

Deuteranomaly

20.0042, 18.1426, 30.0513

Tritanomaly

21.3292, 18.1889, 23.1555

Monochromacy



Original Color

22.9387, 18.2520, 30.7478

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.9685, 18.9140, 24.4281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9387, 18.2520, 30.7478 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(151, 102, 149)` looks like.

```
.text, #text, p{  
    color:rgb(151, 102, 149)  
}
```

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(151, 102, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 102, 149) }
```

Border

The CSS property to change the border of an element to XYZ 22.9387, 18.2520, 30.7478 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(151, 102, 149) }
```


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

```
.border{ border-color:rgb(151, 102, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 102, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 102, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 102, 149);  
box-shadow:4px 4px 4px 4px rgb(151, 102,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9387, 18.2520, 30.7478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 102, 149) }
```

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

```
.background{ background-color: rgb(151,  
102, 149) }
```

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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