

Converting Colors

XYZ(30.9352, 25.6037, 59.1892)

Have a look what the booklet for
XYZ(30.9352, 25.6037, 59.1892)
contains.

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Color

**XYZ(30.9432, 25.6069,
59.1889)**

Conversions

Conversions Part 1

Format	Color
Hex	987DCA
RGB	152, 125, 202
RGB Percent	60%, 49%, 79%
CMY	0.4039, 0.5098, 0.2078
CMYK	0.25, 0.38, 0.00, 0.21
HSL	261°, 42%, 64%
HSV	261°, 38%, 79%
XYZ	30.9432, 25.6069, 59.1889
YIQ	141.8510, -8.6250, 29.6710

Conversions

Conversions Part 2

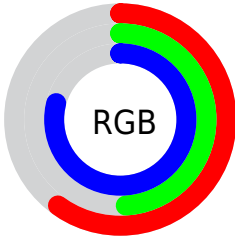
Format	Color
RYB	152, 125, 202
Decimal	9993674
CIELab	57.66, 26.45, -36.22
CIELCh	58, 44.855, 306.142
Yxy	25.6069, 0.2674, 0.2212
Android (android.graphics.Color)	4288183754 (0xFF987DCA)
YUV	141.8510, 29.6535, 8.9007
Hunter-Lab	50.6033, 20.5946, -33.9272

Details

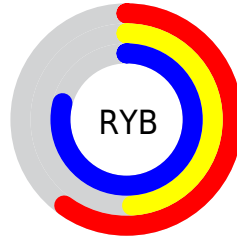
The XYZ color **30.9432, 25.6069, 59.1889** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **42.5020, 52.8363, 27.3613**, and the grayscale version is **25.5421, 26.8723, 29.2639**.

A 20% lighter version of the original color is **59.9828, 52.4707, 101.5742**, and **13.0753, 9.9596, 29.2502** is the 20% darker color. If you saturate the color by 10%, you get **26.3207, 19.8065, 58.3134**, and if you desaturate by 10%, it is **36.3591, 32.5893, 60.2516**.

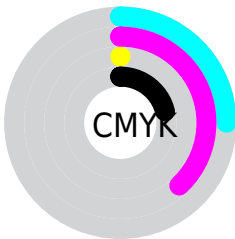
Distribution



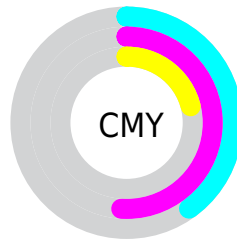
- Red (60%)
- Green (49%)
- Blue (79%)



- Red (60%)
- Yellow (49%)
- Blue (79%)



- Cyan (25%)
- Magenta (38%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (51%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9432, 25.6069, 59.1889 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 30.9432, 25.6069, 59.1889 by changing the saturation by 10% instead.

■ 30.9432, 25.6069,
59.1889

■ 30.9432, 25.6069,
59.1889

298.1081,
280.8470, 439.3229

■ 20.7072, 16.5298,
42.3442

■ 60.5271, 52.6401,
105.1840

■ 13.0214, 9.8998,
29.0433

■ 80.6057, 71.3650,
135.1714

■ 7.5204, 5.3326,
18.8677

■ 104.6959, 94.0746,
170.3769

■ 3.8388, 2.4437,
11.3989

133.1630,
121.1533, 211.2189

■ 1.6114, 0.8482,
6.2183

166.3725,
152.9855, 258.1159

■ 0.3998, 0.0000,
2.9073

204.6896,

■ 0.0000, 0.0000,

189.9556, 311.4866

1.0475

248.4797,
232.4479, 371.7494

■ 0.0000, 0.0000,
0.0000

■ 30.9432, 25.6069,
59.1889

■ 30.9432, 25.6069,
59.1889

■ 26.3207, 19.8065,
58.3134

■ 36.3591, 32.5893,
60.2516

■ 22.4482, 15.1170,
57.6123

■ 42.6031, 40.8131,
61.5099

■ 19.2823, 11.4643,
57.0741

■ 49.7109, 50.3373,
62.9736

■ 16.7733, 8.7637,
56.6851

■ 57.7156, 61.2161,
64.6515

■ 14.8638, 6.9160,
56.4291

■ 66.6480, 73.5006,
66.5519

■ 13.4726, 5.7751,
56.2822

■ 76.5378, 87.2393,
68.6825

■ 13.2470, 5.5976,
56.2598

■ 83.6667, 94.9853,
69.8019

■ 87.6608, 97.0443,
69.9888

Harmonies

Analogous

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



25.4590, 25.6069, 68.7745



30.9432, 25.6069, 59.1889



35.0435, 25.6069, 41.6184

Triad

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



30.9432, 25.6069, 59.1889



28.7537, 25.6069, 8.6514



15.4559, 25.6069, 31.1632

Complementary

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



30.9432, 25.6069, 59.1889



42.5020, 52.8363, 27.3613

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.



16.0713, 25.6069, 17.5585



30.9432, 25.6069, 59.1889



23.2516, 25.6069, 7.6164

Square

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



30.9432, 25.6069, 59.1889



33.6550, 25.6069, 13.8357



18.7478, 25.6069, 10.1824



16.9228, 25.6069, 49.1859

Rectangle

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



30.9432, 25.6069, 59.1889



36.1490, 25.6069, 29.9169



18.7478, 25.6069, 10.1824



15.4294, 25.6069, 25.9407

Sweetspot

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



30.9441, 25.6079, 59.1895



80.3590, 80.0985, 105.8329



34.4586, 39.3045, 61.6480



16.8405, 16.6616, 22.5784



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.9441, 25.6079, 59.1895



45.6470, 34.8747, 98.9334



39.3428, 29.9376, 59.5825



10.9667, 11.0321, 14.1218



8.6120, 3.6472, 36.2063



0.5260, 0.2303, 1.8717

Inverse Universe

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



39.4293, 30.3198, 44.3322



62.4063, 44.1993, 68.7723



35.0659, 49.0028, 27.0133



11.5140, 11.3343, 13.2412



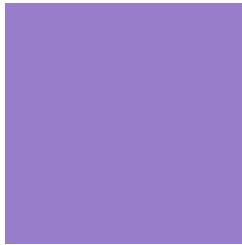
18.3606, 9.1548, 14.8834



0.9823, 0.4863, 0.9526

Previews

White Background



This preview shows how the XYZ color 30.9432, 25.6069, 59.1889 looks on a white background.

Color Contrast Check

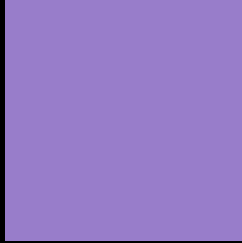
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9432, 25.6069, 59.1889 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 30.9432, 25.6069, 59.1889

Background



This preview shows how black text looks on a background with the XYZ color 30.9432, 25.6069, 59.1889.



This preview shows how white text looks on a background with the XYZ color 30.9432, 25.6069,

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

30.9432, 25.6069, 59.1889

Protanopia

27.2441, 25.7562, 65.1635

Deuteranopia

26.3247, 25.6597, 57.5982



Tritanopia

25.2259, 25.4657, 31.1896

Trichromacy



Original Color

30.9432, 25.6069, 59.1889

Protanomaly

28.3888, 25.5686, 63.1135

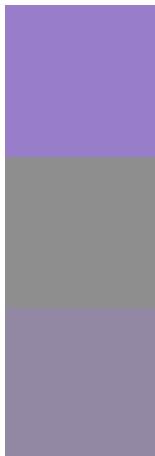
Deuteranomaly

27.7149, 25.5344, 58.1115

Tritanomaly

27.0804, 25.4035, 40.0353

Monochromacy



Original Color

30.9432, 25.6069, 59.1889

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.3591, 26.3996, 38.7756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9432, 25.6069, 59.1889 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(152, 125, 202)` looks like.

```
.text, #text, p{  
    color:rgb(152, 125, 202)  
}
```

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(152, 125, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 125, 202) }
```

Border

The CSS property to change the border of an element to XYZ 30.9432, 25.6069, 59.1889 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(152, 125, 202) }
```


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

```
.border{ border-color:rgb(152, 125, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 125, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 125, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 125, 202);  
box-shadow:4px 4px 4px 4px rgb(152, 125,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9432, 25.6069, 59.1889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 125, 202) }
```

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

```
.background{ background-color: rgb(152,  
125, 202) }
```

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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