

Converting Colors

XYZ(29.5149, 22.2594, 59.8676)

Have a look what the booklet for
XYZ(29.5149, 22.2594, 59.8676)
contains.

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Color

**XYZ(29.4239, 22.1869,
59.8584)**

Conversions

Conversions Part 1

Format	Color
Hex	986ECC
RGB	152, 110, 204
RGB Percent	60%, 43%, 80%
CMY	0.4039, 0.5686, 0.2000
CMYK	0.25, 0.46, 0.00, 0.20
HSL	267°, 48%, 62%
HSV	267°, 46%, 80%
XYZ	29.4239, 22.1869, 59.8584
YIQ	133.2740, -5.1420, 38.1380

Conversions

Conversions Part 2

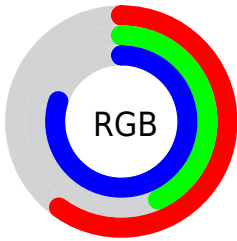
Format	Color
R _Y B	152, 110, 204
Decimal	9989836
CIE Lab	54.22, 35.55, -42.76
CIE LCh	54, 55.607, 309.735
Yxy	22.1869, 0.2640, 0.1990
Android (android.graphics.Color)	4288179916 (0xFF986ECC)
YUV	133.2740, 34.8679, 16.4227
Hunter-Lab	47.1030, 29.0737, -42.3736

Details

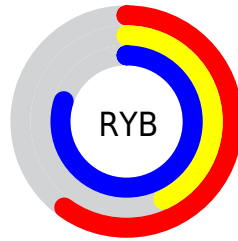
The XYZ color **29.4239, 22.1869, 59.8584** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **39.3081, 51.9933, 22.7166**, and the grayscale version is **22.2731, 23.4330, 25.5186**.

A 20% lighter version of the original color is **56.9828, 46.4706, 100.5741**, and **12.1306, 8.1041, 29.3587** is the 20% darker color. If you saturate the color by 10%, you get **25.4584, 17.2431, 59.1136**, and if you desaturate by 10%, it is **34.0987, 28.2492, 60.7825**.

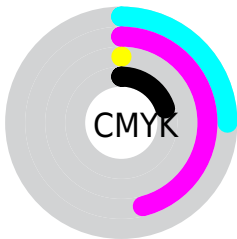
Distribution



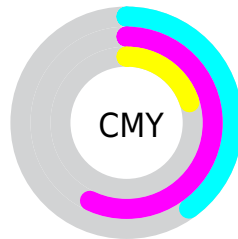
- Red (60%)
- Green (43%)
- Blue (80%)



- Red (60%)
- Yellow (43%)
- Blue (80%)



- Cyan (25%)
- Magenta (46%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (57%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4239, 22.1869, 59.8584 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 29.4239, 22.1869, 59.8584 by changing the saturation by 10% instead.

■ 29.4239, 22.1869,
59.8584

■ 29.4239, 22.1869,
59.8584

291.1681,
263.5208, 441.8658

■ 19.5476, 13.9943,
42.8800

■ 58.1428, 47.0547,
106.1656

■ 12.1730, 8.1167,
29.4602

■ 77.7162, 64.4987,
136.3314

■ 6.9346, 4.1697,
19.1807

■ 101.2526, 85.7953,
171.7301

■ 3.4672, 1.7689,
11.6228

■ 129.1174,
111.3288, 212.7803

■ 1.4054, 0.4677,
6.3680

161.6760,
141.4838, 259.9004

■ 0.2601, 0.0000,
2.9977

199.2938,

■ 0.0000, 0.0000,

176.6445, 313.5089

1.0935

242.3360,
217.1953, 374.0246

■ 0.0000, 0.0000,
0.0000

■ 29.4239, 22.1869,
59.8584

■ 29.4239, 22.1869,
59.8584

■ 25.4584, 17.2431,
59.1136

■ 34.0987, 28.2492,
60.7825

■ 22.1589, 13.3420,
58.5345

■ 39.5174, 35.4941,
61.8953

■ 19.4805, 10.4017,
58.1081

■ 45.7155, 43.9835,
63.2073

■ 17.3709, 8.3267,
57.8188

■ 52.7250, 53.7744,
64.7277

■ 15.7655, 6.9973,
57.6468

■ 60.5762, 64.9201,
66.4652

■ 15.2284, 6.5915,
57.5968

■ 69.2976, 77.4709,
68.4281

■ 78.9165, 91.4745,
70.6241

■ 83.3741, 94.8069,
71.0324

■ 87.3741, 96.8690,
71.2196

Harmonies

Analogous

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



23.1149, 22.1869, 74.0535



29.4239, 22.1869, 59.8584



33.9776, 22.1869, 37.6174

Triad

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



29.4239, 22.1869, 59.8584



25.3750, 22.1869, 4.4540



11.5821, 22.1869, 30.2345

Complementary

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



29.4239, 22.1869, 59.8584



39.3081, 51.9933, 22.7166

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.



11.9563, 22.1869, 14.3659



29.4239, 22.1869, 59.8584



19.1832, 22.1869, 3.9613

Square

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



29.4239, 22.1869, 59.8584



31.3475, 22.1869, 8.5161



14.4970, 22.1869, 6.5374



13.3537, 22.1869, 52.2926

Rectangle

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



29.4239, 22.1869, 59.8584



34.9757, 22.1869, 24.3119



14.4970, 22.1869, 6.5374



11.4703, 22.1869, 24.0043

Sweetspot

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



29.4247, 22.1878, 59.8589



77.8038, 75.7447, 105.1272



30.4748, 33.9646, 62.0767



16.1369, 15.4969, 22.3906



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.



29.4247, 22.1878, 59.8589



42.3786, 28.8205, 97.9371



39.6940, 27.4818, 60.3395



11.0697, 11.0852, 14.1266



9.6887, 4.2022, 36.2567



0.5867, 0.2616, 1.8745

Inverse Universe

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



36.9999, 26.5986, 37.3668



56.8938, 37.2851, 54.2616



31.6459, 48.0433, 22.3580



11.4677, 11.3158, 12.9975



17.5918, 8.8473, 10.8349



0.9454, 0.4716, 0.7584

Previews

White Background



This preview shows how the XYZ color 29.4239, 22.1869, 59.8584 looks on a white background.

Color Contrast Check

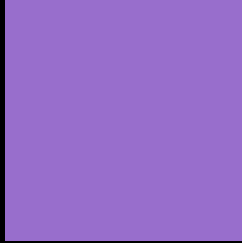
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4239, 22.1869, 59.8584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

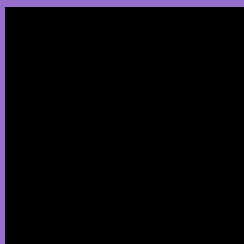
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.4239, 22.1869, 59.8584

Background



This preview shows how black text looks on a background with the XYZ color 29.4239, 22.1869, 59.8584.



This preview shows how white text looks on a background with the XYZ color 29.4239, 22.1869,

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

29.4239, 22.1869, 59.8584

Protanopia

24.6899, 22.5174, 70.0628

Deuteranopia

23.0241, 22.5151, 57.7759



Tritanopia

22.7200, 22.2747, 26.3945

Trichromacy



Original Color

29.4239, 22.1869, 59.8584

Protanomaly

25.7850, 22.0405, 66.5136

Deuteranomaly

24.6958, 22.0278, 58.2085

Tritanomaly

24.6511, 21.9354, 36.6529

Monochromacy



Original Color

29.4239, 22.1869, 59.8584

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.4068, 22.7459, 35.9049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4239, 22.1869, 59.8584 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, 110, 204)` looks like.

```
.text, #text, p{  
    color:rgb(152, 110, 204)  
}
```

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, 110, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 110, 204) }
```

Border

The CSS property to change the border of an element to XYZ 29.4239, 22.1869, 59.8584 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, 110, 204) }
```


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

```
.border{ border-color:rgb(152, 110, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 110, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 110, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 110, 204);  
box-shadow:4px 4px 4px 4px rgb(152, 110,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4239, 22.1869, 59.8584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 110, 204) }
```

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

```
.background{ background-color: rgb(152,  
110, 204) }
```

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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