

Converting Colors

XYZ(26.0035, 20.9414, 29.3709)

Have a look what the booklet for
XYZ(26.0035, 20.9414, 29.3709)
contains.

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Color

**XYZ(26.0965, 20.9809,
29.4624)**

Conversions

Conversions Part 1

Format	Color
Hex	A56D91
RGB	165, 109, 145
RGB Percent	65%, 43%, 57%
CMY	0.3529, 0.5725, 0.4314
CMYK	0.00, 0.34, 0.12, 0.35
HSL	321°, 24%, 54%
HSV	321°, 34%, 65%
XYZ	26.0965, 20.9809, 29.4624
YIQ	129.8480, 21.8200, 23.0680

Conversions

Conversions Part 2

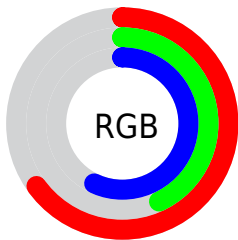
Format	Color
R _Y B	165, 109, 145
Decimal	10841489
CIE Lab	52.93, 27.87, -10.52
CIE LCh	53, 29.788, 339.325
Yxy	20.9809, 0.3410, 0.2741
Android (android.graphics.Color)	4289031569 (0xFFA56D91)
YUV	129.8480, 7.4699, 30.8283
Hunter-Lab	45.8049, 21.5385, -6.0728

Details

The XYZ color **26.0965, 20.9809, 29.4624** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.7251, 31.7470, 25.6475**, and the grayscale version is **21.1340, 22.2346, 24.2134**.

A 20% lighter version of the original color is **52.8725, 44.9854, 59.9292**, and **10.3635, 7.5027, 11.7284** is the 20% darker color. If you saturate the color by 10%, you get **24.0562, 17.6085, 26.5982**, and if you desaturate by 10%, it is **28.4921, 25.0255, 32.5617**.

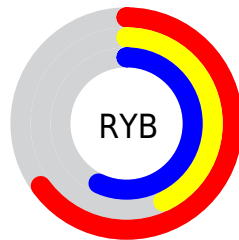
Distribution



Red (65%)

Green (43%)

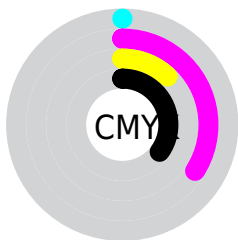
Blue (57%)



Red (65%)

Yellow (43%)

Blue (57%)

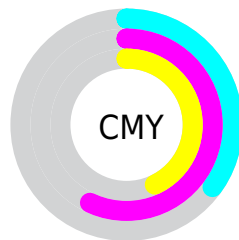


Cyan (0%)

Magenta (34%)

Yellow (12%)

Black (35%)



Cyan (35%)


Magenta (57%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0965, 20.9809, 29.4624 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 26.0965, 20.9809, 29.4624 by changing the saturation by 10% instead.


 26.0965, 20.9809,
29.4624


 26.0965, 20.9809,
29.4624


275.5035,
257.1770, 313.5194


 17.0289, 13.1100,
19.1823

 52.8608, 45.0557,
59.8619

 10.3505, 7.5044,
11.6239


 71.2882, 62.0285,
80.8183

 5.6960, 3.7795,
6.3687


 93.5662, 82.8041,
106.1707

 2.7000, 1.5510,
2.9982

 120.0602,
107.7667, 136.3374

 0.9972, 0.3242,
1.0937

151.1356,
137.3010, 171.7371

 0.0000, 0.0000,
0.0000

187.1577,

171.7912, 212.7883

228.4919,
211.6217, 259.9096

■ 26.0965, 20.9809,
29.4624

■ 26.0965, 20.9809,
29.4624

■ 24.0562, 17.6085,
26.5982

■ 28.4921, 25.0255,
32.5617

■ 22.3504, 14.8682,
23.9599

■ 31.2584, 29.7736,
35.9025

■ 20.9589, 12.7201,
21.5392

■ 34.4124, 35.2583,
39.4921

■ 19.8587, 11.1184,
19.3265

■ 37.9694, 41.5095,
43.3374

■ 19.0232, 10.0109,
17.3112

■ 41.9437, 48.5555,
47.4448

■ 18.4208, 9.3346,
15.4807

■ 46.3490, 56.4232,
51.8203

■ 18.1223, 9.0414,
14.4445

■ 51.1984, 65.1381,
56.4700

■ 56.5044, 74.7248,
61.3993

■ 61.4748, 83.5984,
66.3459

Harmonies

Analogous

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



23.9895, 20.9809, 38.8764



26.0965, 20.9809, 29.4624



26.4656, 20.9809, 20.1727

Triad

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



26.0965, 20.9809, 29.4624



18.9855, 20.9809, 9.7404



15.6523, 20.9809, 35.5516

Complementary

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



26.0965, 20.9809, 29.4624



23.7251, 31.7470, 25.6475

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.



14.5891, 20.9809, 25.7426



26.0965, 20.9809, 29.4624



16.3770, 20.9809, 11.9661

Square

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



26.0965, 20.9809, 29.4624



22.1354, 20.9809, 10.2470



14.8398, 20.9809, 17.3004



17.8980, 20.9809, 42.9804

Rectangle

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



26.0965, 20.9809, 29.4624



25.6418, 20.9809, 15.4219



14.8398, 20.9809, 17.3004



15.1560, 20.9809, 32.3330

Sweetspot

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



26.0971, 20.9819, 29.4628



58.0188, 56.8520, 66.6588



21.2537, 18.2908, 38.0079



12.5239, 12.1510, 14.3886



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.0971, 20.9819, 29.4628



43.8292, 32.7568, 48.7216



24.2209, 20.2314, 19.5827



7.2564, 7.1590, 8.3366



13.7340, 6.8497, 11.0559



0.3099, 0.1524, 0.3443

Inverse Universe

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



26.0971, 20.9819, 29.4628



43.8292, 32.7568, 48.7216



25.8142, 32.5827, 36.6486



7.2564, 7.1590, 8.3366



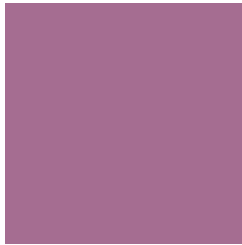
13.7340, 6.8497, 11.0559



0.3099, 0.1524, 0.3443

Previews

White Background



This preview shows how the XYZ color 26.0965, 20.9809, 29.4624 looks on a white background.

Color Contrast Check

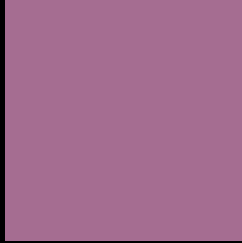
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0965, 20.9809, 29.4624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

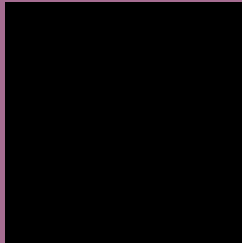
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0965, 20.9809, 29.4624

Background



This preview shows how black text looks on a background with the XYZ color 26.0965, 20.9809, 29.4624.



This preview shows how white text looks on a background with the XYZ color 26.0965, 20.9809,

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

26.0965, 20.9809, 29.4624

Protanopia

21.0801, 21.0606, 34.4066

Deuteranopia

21.4812, 21.0244, 28.5171



Tritanopia

24.3183, 20.8968, 21.1641

Trichromacy



Original Color

26.0965, 20.9809, 29.4624

Protanomaly

22.4177, 20.6949, 32.5187

Deuteranomaly

22.9380, 20.8693, 28.8058

Tritanomaly

24.9277, 20.9866, 23.8561

Monochromacy



Original Color

26.0965, 20.9809, 29.4624

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.6604, 21.5080, 25.8788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0965, 20.9809, 29.4624 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(165, 109, 145)` looks like.

```
.text, #text, p{  
    color:rgb(165, 109, 145)  
}
```

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(165, 109, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 109, 145) }
```

Border

The CSS property to change the border of an element to XYZ 26.0965, 20.9809, 29.4624 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(165, 109, 145) }
```


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

```
.border{ border-color:rgb(165, 109, 145) }
```

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

Here you see how a box with a 4 pixel rgb(165, 109, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 109, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 109, 145);  
box-shadow:4px 4px 4px 4px rgb(165, 109,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0965, 20.9809, 29.4624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 109, 145) }
```

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

```
.background{ background-color: rgb(165,  
109, 145) }
```

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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