

Converting Colors

XYZ(26.8634, 20.3343, 45.1733)

Have a look what the booklet for
XYZ(26.8634, 20.3343, 45.1733)
contains.

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Color

**XYZ(26.8986, 20.4257,
45.1727)**

Conversions

Conversions Part 1

Format	Color
Hex	9C69B3
RGB	156, 105, 179
RGB Percent	61%, 41%, 70%
CMY	0.3882, 0.5882, 0.2980
CMYK	0.13, 0.41, 0.00, 0.30
HSL	281°, 33%, 56%
HSV	281°, 41%, 70%
XYZ	26.8986, 20.4257, 45.1727
YIQ	128.6850, 6.6420, 33.8260

Conversions

Conversions Part 2

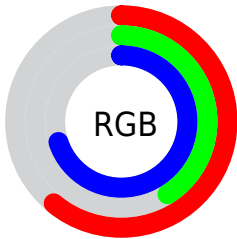
Format	Color
R _Y B	156, 105, 179
Decimal	10250675
CIE _{Lab}	52.32, 33.81, -31.38
CIE _{LCh}	52, 46.129, 317.134
Yxy	20.4257, 0.2908, 0.2208
Android (android.graphics.Color)	4288440755 (0xFF9C69B3)
YUV	128.6850, 24.8053, 23.9553
Hunter-Lab	45.1948, 27.1470, -27.6246

Details

The XYZ color **26.8986, 20.4257, 45.1727** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.5725, 37.8498, 19.2179**, and the grayscale version is **20.6713, 21.7478, 23.6833**.

A 20% lighter version of the original color is **54.2037, 44.1091, 84.2543**, and **10.7736, 7.2183, 20.5641** is the 20% darker color. If you saturate the color by 10%, you get **24.2118, 16.6135, 44.5788**, and if you desaturate by 10%, it is **30.0198, 25.0325, 45.8977**.

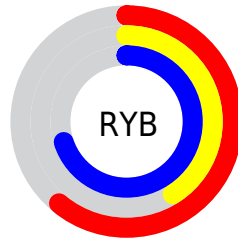
Distribution



Red (61%)

Green (41%)

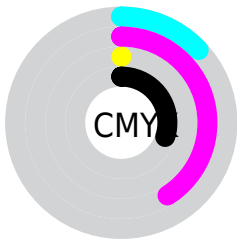
Blue (70%)



Red (61%)

Yellow (41%)

Blue (70%)

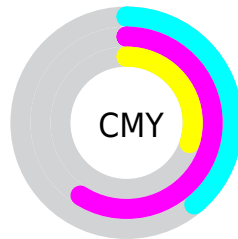


Cyan (13%)

Magenta (41%)

Yellow (0%)

Black (30%)



Cyan (39%)

Magenta (59%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8986, 20.4257, 45.1727 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 26.8986, 20.4257, 45.1727 by changing the saturation by 10% instead.

■ 26.8986, 20.4257,
45.1727

■ 26.8986, 20.4257,
45.1727

279.3423,
254.2104, 383.6531

■ 17.6333, 12.7049,
31.2495

■ 54.1421, 44.1298,
84.3007

■ 10.7851, 7.2256,
20.5289

■ 72.8511, 60.8818,
110.3426

■ 5.9887, 3.6036,
12.5922

■ 95.4386, 81.4130,
141.2612

■ 2.8788, 1.4544,
7.0209

■ 122.2700,
106.1077, 177.4750

■ 1.0900, 0.2563,
3.3965

153.7108,
135.3505, 219.4025

■ 0.0167, 0.0000,
1.3005

190.1262,

■ 0.0000, 0.0000,

169.5256, 267.4624

0.0622

231.8816,
209.0174, 322.0730

■ 0.0000, 0.0000,
0.0000

■ 26.8986, 20.4257,
45.1727

■ 26.8986, 20.4257,
45.1727

■ 24.2118, 16.6135,
44.5788

■ 30.0198, 25.0325,
45.8977

■ 21.9325, 13.5443,
44.1065

■ 33.5962, 30.4759,
46.7599

■ 20.0335, 11.1647,
43.7473

■ 37.6495, 36.7981,
47.7666

■ 18.4833, 9.4126,
43.4908

■ 42.1994, 44.0376,
48.9241

■ 17.2447, 8.2143,
43.3248

■ 47.2645, 52.2306,
50.2386

■ 16.3577, 7.4928,
43.2323

■ 52.8624, 61.4113,
51.7156

■ 59.0097, 71.6122,
53.3606

■ 65.7223, 82.8642,
55.1786

■ 69.3704, 87.9069,
55.9597

Harmonies

Analogous

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



22.2280, 20.4257, 57.7219



26.8986, 20.4257, 45.1727



29.7365, 20.4257, 28.5807

Triad

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



26.8986, 20.4257, 45.1727



21.5173, 20.4257, 5.2543



11.9352, 20.4257, 30.8607

Complementary

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



26.8986, 20.4257, 45.1727



27.5725, 37.8498, 19.2179

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.



11.8084, 20.4257, 16.9143



26.8986, 20.4257, 45.1727



16.8482, 20.4257, 5.4491

Square

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



26.8986, 20.4257, 45.1727



26.3058, 20.4257, 8.0596



13.4651, 20.4257, 8.7795



13.8451, 20.4257, 47.4158

Rectangle

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



26.8986, 20.4257, 45.1727



29.9475, 20.4257, 19.1502



13.4651, 20.4257, 8.7795



11.6951, 20.4257, 25.6457

Sweetspot

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



26.8993, 20.4266, 45.1732



66.7674, 64.8627, 85.3819



21.7389, 21.8103, 45.7122



14.5775, 14.0327, 18.8625



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.8993, 20.4266, 45.1732



43.5830, 30.0599, 79.8862



30.4736, 22.4200, 38.5263



8.5879, 8.5116, 10.6966



11.6282, 5.3303, 30.5530



0.4225, 0.1969, 0.9640

Inverse Universe

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



27.5388, 21.2461, 23.0720



45.2177, 31.9305, 33.5226



25.2502, 36.5655, 23.0444



8.6015, 8.5473, 9.4001



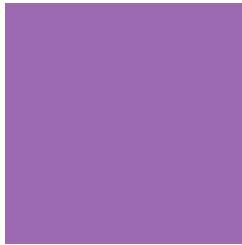
13.6612, 6.9820, 3.3758



0.4568, 0.2305, 0.2480

Previews

White Background



This preview shows how the XYZ color 26.8986, 20.4257, 45.1727 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 26.8986, 20.4257, 45.1727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

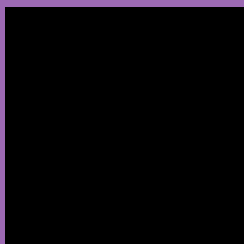
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8986, 20.4257, 45.1727

Background



This preview shows how black text looks on a background with the XYZ color 26.8986, 20.4257, 45.1727.



This preview shows how white text looks on a background with the XYZ color 26.8986, 20.4257,

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

26.8986, 20.4257, 45.1727

Protanopia

21.9662, 20.7136, 53.8793

Deuteranopia

21.1299, 20.6986, 43.4390



Tritanopia

22.3399, 20.5248, 22.5229

Trichromacy



Original Color

26.8986, 20.4257, 45.1727

Protanomaly

23.1764, 20.1580, 50.8135

Deuteranomaly

22.6552, 20.2171, 43.7825

Tritanomaly

23.7785, 20.4339, 29.4789

Monochromacy



Original Color

26.8986, 20.4257, 45.1727

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.6304, 21.0285, 30.4699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8986, 20.4257, 45.1727 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(156, 105, 179)` looks like.

```
.text, #text, p{  
    color:rgb(156, 105, 179)  
}
```

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(156, 105, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 105, 179) }
```

Border

The CSS property to change the border of an element to XYZ 26.8986, 20.4257, 45.1727 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(156, 105, 179) }
```


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

```
.border{ border-color:rgb(156, 105, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 105, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 105, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 105, 179);  
box-shadow:4px 4px 4px 4px rgb(156, 105,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8986, 20.4257, 45.1727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 105, 179) }
```

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

```
.background{ background-color: rgb(156,  
105, 179) }
```

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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