

Converting Colors

XYZ(26.5279, 17.7664, 40.9163)

Have a look what the booklet for
XYZ(26.5279, 17.7664, 40.9163)
contains.

XYZ(26.5001, 17.7411, 41.0574)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.5001, 17.7411,
41.0574)**

Conversions

Conversions Part 1

Format	Color
Hex	A656AC
RGB	166, 86, 172
RGB Percent	65%, 34%, 67%
CMY	0.3490, 0.6627, 0.3255
CMYK	0.03, 0.50, 0.00, 0.33
HSL	296°, 34%, 51%
HSV	296°, 50%, 67%
XYZ	26.5001, 17.7411, 41.0574
YIQ	119.7240, 20.0740, 43.7060

Conversions

Conversions Part 2

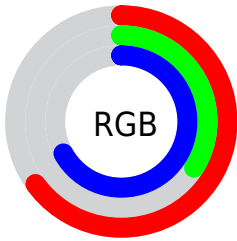
Format	Color
R _Y B	166, 86, 172
Decimal	10901164
CIE Lab	49.18, 45.69, -32.11
CIE LCh	49, 55.847, 324.902
Yxy	17.7411, 0.3107, 0.2080
Android (android.graphics.Color)	4289091244 (0xFFA656AC)
YUV	119.7240, 25.7721, 40.5841
Hunter-Lab	42.1202, 38.5937, -28.3099

Details

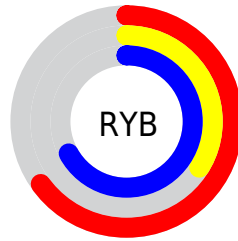
The XYZ color **26.5001, 17.7411, 41.0574** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **20.8464, 32.4526, 13.9701**, and the grayscale version is **17.6811, 18.6018, 20.2574**.

A 20% lighter version of the original color is **53.6676, 39.7546, 78.2436**, and **10.5839, 5.9207, 18.0377** is the 20% darker color. If you saturate the color by 10%, you get **25.0383, 15.1888, 40.6421**, and if you desaturate by 10%, it is **28.2959, 20.9571, 41.5838**.

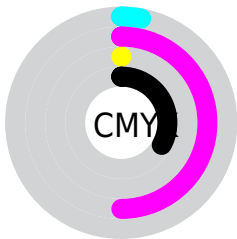
Distribution



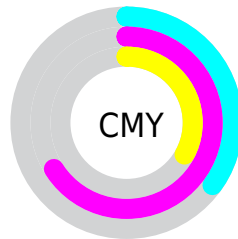
- Red (65%)
- Green (34%)
- Blue (67%)



- Red (65%)
- Yellow (34%)
- Blue (67%)



- Cyan (3%)
- Magenta (50%)
- Yellow (0%)
- Black (33%)





- Cyan (35%)
- Magenta (66%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5001, 17.7411, 41.0574 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 26.5001, 17.7411, 41.0574 by changing the saturation by 10% instead.

 26.5001, 17.7411,
41.0574


 26.5001, 17.7411,
41.0574


277.4404,
239.4077, 366.2442


 17.3328, 10.7643,
28.0439


 53.5062, 39.5957,
78.0256


 10.5688, 5.9086,
18.1194


 72.0757, 55.2422,
102.8175


 5.8428, 2.7896,
10.8654


 94.5100, 74.5474,
132.3725

 2.7895, 1.0229,
5.8634

 121.1744, 97.8957,
167.1092

 1.0434, 0.0000,
2.6947

 152.4343,
125.6715, 207.4462

 0.0000, 0.0000,
0.9408

188.6550,

 0.0000, 0.0000,

158.2592, 253.8020

0.0000

230.2019,
196.0431, 306.5952

■ 26.5001, 17.7411,
41.0574

■ 26.5001, 17.7411,
41.0574

■ 25.0383, 15.1888,
40.6421

■ 28.2959, 20.9571,
41.5838

■ 23.8846, 13.2495,
40.3285

■ 30.4456, 24.8778,
42.2272

■ 23.0122, 11.8694,
40.1081

■ 32.9696, 29.5437,
42.9948

■ 22.3888, 10.9839,
39.9701

■ 35.8864, 34.9916,
43.8926

■ 21.9442, 10.4525,
39.8909

■ 39.2131, 41.2558,
44.9264

■ 21.9441, 10.4524,
39.8909

■ 42.9659, 48.3687,
46.1015

■ 47.1600, 56.3607,
47.4231

■ 51.8100, 65.2608,
48.8959

■ 56.9297, 75.0969,
50.5246

Harmonies

Analogous

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



21.4607, 17.7411, 58.9809



26.5001, 17.7411, 41.0574



28.9921, 17.7411, 21.9908

Triad

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



26.5001, 17.7411, 41.0574



17.7718, 17.7411, 2.4881



9.2873, 17.7411, 34.1574

Complementary

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



26.5001, 17.7411, 41.0574



20.8464, 32.4526, 13.9701

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.



8.6987, 17.7411, 16.8693



26.5001, 17.7411, 41.0574



12.9728, 17.7411, 3.2009

Square

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



26.5001, 17.7411, 41.0574



23.3301, 17.7411, 4.0366



9.9007, 17.7411, 7.0392



11.7163, 17.7411, 53.7573

Rectangle

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



26.5001, 17.7411, 41.0574



28.5659, 17.7411, 12.8172



9.9007, 17.7411, 7.0392



8.8921, 17.7411, 27.7098

Sweetspot

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



26.5007, 17.7419, 41.0578



62.2231, 58.0896, 78.7387



15.2138, 12.8158, 40.7018



13.2926, 12.1953, 17.0410



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.5007, 17.7419, 41.0578



45.1714, 27.1237, 73.6604



24.7974, 17.2092, 25.3701



8.2811, 8.1192, 10.0834



16.3490, 7.7881, 29.6861



0.4709, 0.2249, 0.8266

Inverse Universe

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



22.2733, 16.1996, 12.0787



36.7600, 24.0870, 14.5544



22.0934, 32.8849, 23.5420



8.0271, 8.0241, 8.4534



12.7182, 6.5498, 0.8954



0.3610, 0.1851, 0.0627

Previews

White Background



This preview shows how the XYZ color 26.5001, 17.7411, 41.0574 looks on a white background.

Color Contrast Check

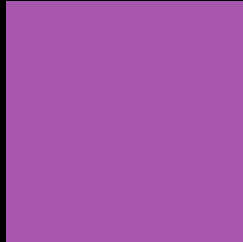
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5001, 17.7411, 41.0574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

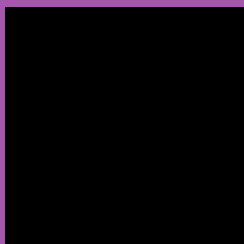
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5001, 17.7411, 41.0574

Background



This preview shows how black text looks on a background with the XYZ color 26.5001, 17.7411, 41.0574.



This preview shows how white text looks on a background with the XYZ color 26.5001, 17.7411,

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

26.5001, 17.7411, 41.0574

Protanopia

19.7761, 18.1317, 55.2808

Deuteranopia

18.3660, 17.9335, 39.0527



Tritanopia

21.5145, 17.6806, 16.7468

Trichromacy



Original Color

26.5001, 17.7411, 41.0574

Protanomaly

20.8375, 17.0422, 49.7682

Deuteranomaly

20.3814, 17.1787, 39.7777

Tritanomaly

23.0457, 17.6088, 24.0140

Monochromacy



Original Color

26.5001, 17.7411, 41.0574

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.3393, 17.9076, 26.8106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5001, 17.7411, 41.0574 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(166, 86, 172)` looks like.

```
.text, #text, p{  
  color:rgb(166, 86, 172)  
}
```

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(166, 86, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 86, 172) }
```

Border

The CSS property to change the border of an element to XYZ 26.5001, 17.7411, 41.0574 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(166, 86, 172) }
```


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

```
.border{ border-color:rgb(166, 86, 172) }
```

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

Here you see how a box with a 4 pixel rgb(166, 86, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 86, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 86, 172);  
box-shadow:4px 4px 4px 4px rgb(166, 86,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5001, 17.7411, 41.0574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 86, 172) }
```

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

```
.background{ background-color: rgb(166, 86,  
172) }
```

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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