

Converting Colors

XYZ(26.9365, 16.5916, 41.5498)

Have a look what the booklet for
XYZ(26.9365, 16.5916, 41.5498)
contains.

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Color

**XYZ(26.9386, 16.5529,
41.3104)**

Conversions

Conversions Part 1

Format	Color
Hex	AC49AD
RGB	172, 73, 173
RGB Percent	67%, 29%, 68%
CMY	0.3255, 0.7137, 0.3216
CMYK	0.01, 0.58, 0.00, 0.32
HSL	299°, 41%, 48%
HSV	299°, 58%, 68%
XYZ	26.9386, 16.5529, 41.3104
YIQ	114.0010, 26.9040, 52.0880

Conversions

Conversions Part 2

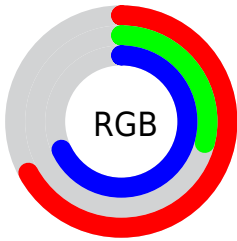
Format	Color
R_{YB}	172, 73, 173
Decimal	11291053
CIE _{Lab}	47.69, 53.90, -34.97
CIE _{LCh}	48, 64.254, 327.023
Yxy	16.5529, 0.3177, 0.1952
Android (android.graphics.Color)	4289481133 (0xFFAC49AD)
YUV	114.0010, 29.0865, 50.8651
Hunter-Lab	40.6853, 46.9896, -31.7213

Details

The XYZ color **26.9386, 16.5529, 41.3104** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **18.9708, 31.8245, 11.4471**, and the grayscale version is **15.9052, 16.7335, 18.2228**.

A 20% lighter version of the original color is **54.3654, 37.6589, 78.5323**, and **10.8348, 5.3551, 18.2319** is the 20% darker color. If you saturate the color by 10%, you get **25.9183, 14.5682, 40.9813**, and if you desaturate by 10%, it is **28.2763, 19.1714, 41.7455**.

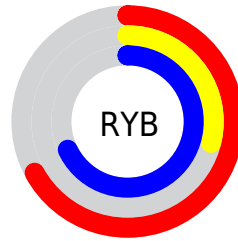
Distribution



Red (67%)

Green (29%)

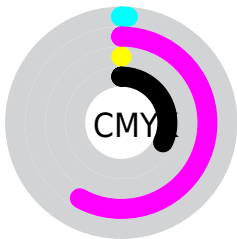
Blue (68%)



Red (67%)

Yellow (29%)

Blue (68%)

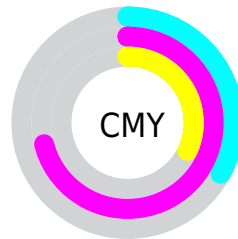


Cyan (1%)

Magenta (58%)

Yellow (0%)

Black (32%)



Cyan (33%)


Magenta (71%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9386, 16.5529, 41.3104 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 26.9386, 16.5529, 41.3104 by changing the saturation by 10% instead.

 26.9386, 16.5529,
41.3104

 26.9386, 16.5529,
41.3104


279.5327,
232.5825, 367.3312


 17.6635, 9.9162,
28.2402


 54.2059, 37.5554,
78.4137

 10.8069, 5.3435,
18.2662


 72.9288, 52.6901,
103.2838

 6.0034, 2.4502,
10.9698


 95.5316, 71.4262,
132.9242

 2.8879, 0.8515,
5.9326

 122.3798, 94.1482,
167.7537

 1.0947, 0.0000,
2.7360

 153.8386,
121.2404, 208.1905

 0.0207, 0.0000,
0.9615

190.2735,

 0.0000, 0.0000,

153.0873, 254.6534

0.0000

232.0497,
190.0732, 307.5608

■ 26.9386, 16.5529,
41.3104

■ 26.9386, 16.5529,
41.3104

■ 25.9183, 14.5682,
40.9813

■ 28.2763, 19.1714,
41.7455

■ 25.1866, 13.1611,
40.7483

■ 29.9533, 22.4691,
42.2937

■ 24.7128, 12.2695,
40.6012

■ 31.9920, 26.4899,
42.9623

■ 24.4462, 11.7924,
40.5231

■ 34.4121, 31.2735,
43.7581

■ 24.3966, 11.7056,
40.5090

■ 37.2319, 36.8565,
44.6871

■ 40.4687, 43.2732,
45.7551

■ 44.1385, 50.5560,
46.9674

■ 48.2567, 58.7355,
48.3291

■ 52.8378, 67.8408,
49.8452

Harmonies

Analogous

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



21.3047, 16.5529, 63.4493



26.9386, 16.5529, 41.3104



29.5443, 16.5529, 19.7171

Triad

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



26.9386, 16.5529, 41.3104



16.3138, 16.5529, 1.2945



7.8014, 16.5529, 36.5573

Complementary

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



26.9386, 16.5529, 41.3104



18.9708, 31.8245, 11.4471

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.



7.0787, 16.5529, 16.4294



26.9386, 16.5529, 41.3104



11.2288, 16.5529, 1.9778

Square

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



26.9386, 16.5529, 41.3104



22.5444, 16.5529, 2.3789



8.1664, 16.5529, 5.7051



10.4536, 16.5529, 59.7219

Rectangle

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



26.9386, 16.5529, 41.3104



28.8361, 16.5529, 10.2574



8.1664, 16.5529, 5.7051



7.3577, 16.5529, 28.9621

Sweetspot

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



26.9392, 16.5536, 41.3107



61.8672, 56.4779, 78.4463



12.7848, 9.4215, 40.6801



13.2507, 11.8894, 16.9842



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.



26.9392, 16.5536, 41.3107



46.0578, 25.3940, 73.2798



23.2971, 15.1223, 20.9825



8.3291, 8.1439, 10.0856



17.9259, 8.6010, 29.7599



0.5011, 0.2405, 0.8280

Inverse Universe

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



20.8527, 14.1445, 8.1105



34.1685, 20.6936, 8.1735



21.1635, 32.6927, 23.3923



8.0084, 8.0166, 8.3549



12.6689, 6.5301, 0.6359



0.3535, 0.1821, 0.0231

Previews

White Background



This preview shows how the XYZ color 26.9386, 16.5529, 41.3104 looks on a white background.

Color Contrast Check

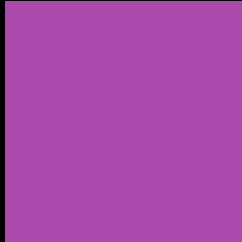
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9386, 16.5529, 41.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

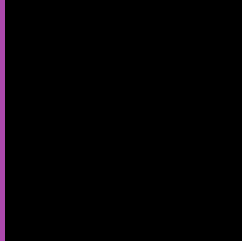
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.9386, 16.5529, 41.3104

Background



This preview shows how black text looks on a background with the XYZ color 26.9386, 16.5529, 41.3104.



This preview shows how white text looks on a background with the XYZ color 26.9386, 16.5529,

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

26.9386, 16.5529, 41.3104

Protanopia

19.1937, 17.0321, 61.3074

Deuteranopia

17.2017, 16.8387, 38.4200



Tritanopia

21.3189, 16.5353, 14.1246

Trichromacy



Original Color

26.9386, 16.5529, 41.3104



Protanomaly

19.9507, 15.4928, 53.5686



Deuteranomaly

19.4143, 15.6649, 39.5365



Tritanomaly

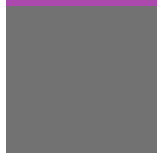
22.8844, 16.2949, 22.0178

Monochromacy



Original Color

26.9386, 16.5529, 41.3104



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

18.8267, 15.8238, 24.9837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9386, 16.5529, 41.3104 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(172, 73, 173)` looks like.

```
.text, #text, p{  
    color:rgb(172, 73, 173)  
}
```

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(172, 73, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 73, 173) }
```

Border

The CSS property to change the border of an element to XYZ 26.9386, 16.5529, 41.3104 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(172, 73, 173) }
```


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

```
.border{ border-color:rgb(172, 73, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 73, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 73, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 73, 173);  
box-shadow:4px 4px 4px 4px rgb(172, 73,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9386, 16.5529, 41.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 73, 173) }
```

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

```
.background{ background-color: rgb(172, 73,  
173) }
```

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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