

Converting Colors

XYZ(19.0275, 14.1602, 41.0132)

Have a look what the booklet for
XYZ(19.0275, 14.1602, 41.0132)
contains.

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Color

**XYZ(19.0586, 14.1342,
41.2588)**

Conversions

Conversions Part 1

Format	Color
Hex	7A58AD
RGB	122, 88, 173
RGB Percent	48%, 35%, 68%
CMY	0.5216, 0.6549, 0.3216
CMYK	0.29, 0.49, 0.00, 0.32
HSL	264°, 34%, 51%
HSV	264°, 49%, 68%
XYZ	19.0586, 14.1342, 41.2588
YIQ	107.8560, -7.0210, 33.6430

Conversions

Conversions Part 2

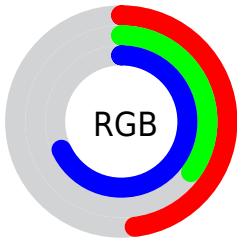
Format	Color
R_{YB}	122, 88, 173
Decimal	8018093
CIE _{Lab}	44.42, 32.20, -40.55
CIE _{LCh}	44, 51.778, 308.457
Yxy	14.1342, 0.2560, 0.1898
Android (android.graphics.Color)	4286208173 (0xFF7A58AD)
YUV	107.8560, 32.1160, 12.4043
Hunter-Lab	37.5955, 24.6965, -38.7504

Details

The XYZ color **19.0586, 14.1342, 41.2588** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **27.3528, 36.0809, 14.7557**, and the grayscale version is **14.1285, 14.8642, 16.1872**.

A 20% lighter version of the original color is **41.5069, 33.4695, 78.4013**, and **6.7089, 4.2440, 18.2349** is the 20% darker color. If you saturate the color by 10%, you get **16.4114, 10.9059, 40.7755**, and if you desaturate by 10%, it is **22.2009, 18.1184, 41.8625**.

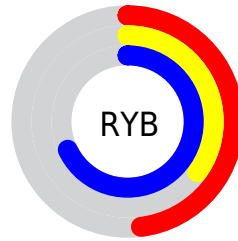
Distribution



Red (48%)

Green (35%)

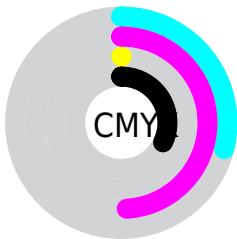
Blue (68%)



Red (48%)

Yellow (35%)

Blue (68%)

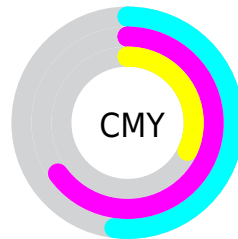


Cyan (29%)

Magenta (49%)

Yellow (0%)

Black (32%)



Cyan (52%)

Magenta (65%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0586, 14.1342, 41.2588 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 19.0586, 14.1342, 41.2588 by changing the saturation by 10% instead.

■ 19.0586, 14.1342,
41.2588

■ 19.0586, 14.1342,
41.2588

239.7040,
218.0641, 367.1097

■ 11.8169, 8.2141,
28.2001

■ 41.3492, 33.3270,
78.3345

■ 6.6904, 4.2322,
18.2362

■ 57.1288, 47.3684,
103.1887

■ 3.3139, 1.8043,
10.9485

■ 76.4851, 64.8857,
132.8118

■ 1.3218, 0.4899,
5.9185

■ 99.7834, 86.2632,
167.6223

■ 0.1995, 0.0000,
2.7276

■ 127.3891,
111.8854, 208.0388

■ 0.0000, 0.0000,
0.9573

159.6675,

■ 0.0000, 0.0000,

142.1367, 254.4799

0.0000

196.9840,
177.4015, 307.3640

■ 19.0586, 14.1342,
41.2588

■ 19.0586, 14.1342,
41.2588

■ 16.4114, 10.9059,
40.7755

■ 22.2009, 18.1184,
41.8625

■ 14.2284, 8.3809,
40.4031

■ 25.8632, 22.9031,
42.5930

■ 12.4777, 6.5023,
40.1328

■ 30.0704, 28.5310,
43.4575

■ 11.1216, 5.2028,
39.9534

■ 34.8455, 35.0414,
44.4625

■ 10.0924, 4.3557,
39.8442

■ 40.2099, 42.4712,
45.6139

■ 10.0114, 4.2897,
39.8357

■ 46.1839, 50.8550,
46.9172

■ 52.7869, 60.2256,
48.3779

■ 60.0372, 70.6142,
50.0010

■ 67.9524, 82.0508,
51.7913

Harmonies

Analogous

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



14.6472, 14.1342, 51.0725



19.0586, 14.1342, 41.2588



22.3496, 14.1342, 25.4468

Triad

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



19.0586, 14.1342, 41.2588



16.5962, 14.1342, 2.3927



6.9653, 14.1342, 19.0171

Complementary

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



19.0586, 14.1342, 41.2588



27.3528, 36.0809, 14.7557

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.



7.2748, 14.1342, 8.4081



19.0586, 14.1342, 41.2588



12.2899, 14.1342, 2.0223

Square

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



19.0586, 14.1342, 41.2588



20.7357, 14.1342, 5.0755



9.0419, 14.1342, 3.5071



8.0861, 14.1342, 34.5262

Rectangle

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



19.0586, 14.1342, 41.2588



23.1405, 14.1342, 16.0159



9.0419, 14.1342, 3.5071



6.9111, 14.1342, 14.7801

Sweetspot

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



19.0592, 14.1347, 41.2591



57.0409, 55.4181, 78.4962



20.8004, 23.5576, 42.9861



12.0279, 11.5433, 16.9818



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.



19.0592, 14.1347, 41.2591



29.0070, 19.0750, 72.9588



26.4462, 17.9429, 41.6048



7.8708, 7.9077, 10.0642



7.4158, 3.1828, 29.2680



0.2691, 0.1209, 0.8171

Inverse Universe

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



25.3838, 17.7282, 26.5103



42.0849, 26.5234, 41.6500



21.5821, 33.1061, 14.4857



8.1994, 8.0930, 9.3606



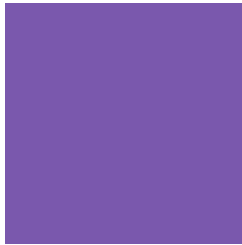
14.5176, 7.2696, 10.3710



0.4299, 0.2127, 0.4257

Previews

White Background



This preview shows how the XYZ color 19.0586, 14.1342, 41.2588 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 19.0586, 14.1342, 41.2588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

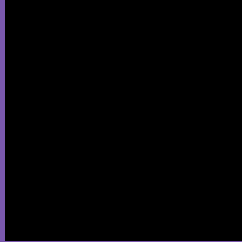
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.0586, 14.1342, 41.2588

Background



This preview shows how black text looks on a background with the XYZ color 19.0586, 14.1342, 41.2588.



This preview shows how white text looks on a background with the XYZ color 19.0586, 14.1342,

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

19.0586, 14.1342, 41.2588

Protanopia

15.9678, 14.2488, 48.9224

Deuteranopia

14.5277, 14.1610, 39.5038



Tritanopia

14.1499, 14.1632, 17.0269

Trichromacy



Original Color

19.0586, 14.1342, 41.2588

Protanomaly

16.5559, 13.9052, 46.0674

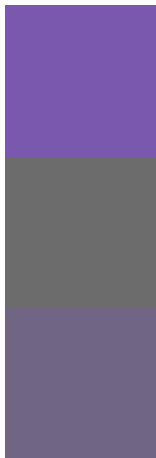
Deuteranomaly

15.6480, 13.8522, 39.8792

Tritanomaly

15.6102, 14.0340, 24.4403

Monochromacy



Original Color

19.0586, 14.1342, 41.2588

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.6286, 14.4840, 23.8018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0586, 14.1342, 41.2588 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(122, 88, 173)` looks like.

```
.text, #text, p{  
    color:rgb(122, 88, 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(122, 88, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 88, 173) }
```

Border

The CSS property to change the border of an element to XYZ 19.0586, 14.1342, 41.2588 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(122, 88, 173) }
```


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

```
.border{ border-color:rgb(122, 88, 173) }
```

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

Here you see how a box with a 4 pixel rgb(122, 88, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 88, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 88, 173);  
box-shadow:4px 4px 4px 4px rgb(122, 88,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0586, 14.1342, 41.2588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 88, 173) }
```

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

```
.background{ background-color: rgb(122, 88,  
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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