

Converting Colors

XYZ(19.2981, 14.2464, 41.7771)

Have a look what the booklet for
XYZ(19.2981, 14.2464, 41.7771)
contains.

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Color

**XYZ(19.2981, 14.2464,
41.7771)**

Conversions

Conversions Part 1

Format	Color
Hex	7B58AE
RGB	123, 88, 174
RGB Percent	48%, 35%, 68%
CMY	0.5176, 0.6549, 0.3176
CMYK	0.29, 0.49, 0.00, 0.32
HSL	264°, 35%, 51%
HSV	264°, 49%, 68%
XYZ	19.2981, 14.2464, 41.7771
YIQ	108.2690, -6.7460, 34.1660

Conversions

Conversions Part 2

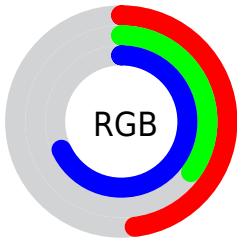
Format	Color
RYB	123, 88, 174
Decimal	8083630
CIELab	44.58, 32.74, -40.87
CIELCh	45, 52.368, 308.690
Yxy	14.2464, 0.2562, 0.1891
Android (android.graphics.Color)	4286273710 (0xFF7B58AE)
YUV	108.2690, 32.4054, 12.9191
Hunter-Lab	37.7444, 25.2114, -39.2036

Details

The XYZ color **19.2981, 14.2464, 41.7771** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **27.5452, 36.4659, 14.8198**, and the grayscale version is **14.2430, 14.9848, 16.3184**.

A 20% lighter version of the original color is **41.8756, 33.6434, 79.1496**, and **6.8427, 4.3059, 18.5596** is the 20% darker color. If you saturate the color by 10%, you get **16.6375, 11.0018, 41.2913**, and if you desaturate by 10%, it is **22.4563, 18.2540, 42.3844**.

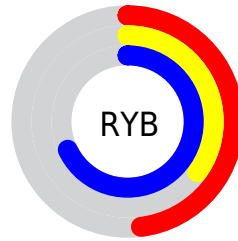
Distribution



Red (48%)

Green (35%)

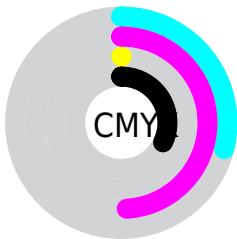
Blue (68%)



Red (48%)

Yellow (35%)

Blue (68%)

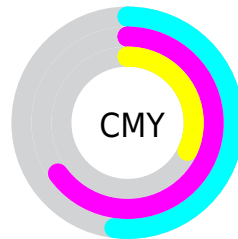


Cyan (29%)

Magenta (49%)

Yellow (0%)

Black (32%)



Cyan (52%)

Magenta (65%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2981, 14.2464, 41.7771 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 19.2981, 14.2464, 41.7771 by changing the saturation by 10% instead.

■ 19.2981, 14.2464,
41.7771

■ 19.2981, 14.2464,
41.7771

240.9962,
218.7584, 369.3305

■ 11.9912, 8.2922,
28.6025

■ 41.7502, 33.5256,
79.1286

■ 6.8098, 4.2825,
18.5374

■ 57.6261, 47.6194,
104.1426

■ 3.3887, 1.8328,
11.1631

■ 77.0890, 65.1952,
133.9402

■ 1.3625, 0.5075,
6.0611

■ 100.5042, 86.6375,
168.9399

■ 0.2293, 0.0000,
2.8129

■ 128.2372,
112.3305, 209.5602

■ 0.0000, 0.0000,
0.9999

160.6533,

■ 0.0000, 0.0000,

142.6587, 256.2197

0.0000

198.1179,
178.0066, 309.3370

■ 19.2981, 14.2464,
41.7771

■ 19.2981, 14.2464,
41.7771

■ 16.6375, 11.0018,
41.2913

■ 22.4563, 18.2540,
42.3844

■ 14.4434, 8.4669,
40.9177

■ 26.1372, 23.0698,
43.1200

■ 12.6833, 6.5836,
40.6469

■ 30.3661, 28.7372,
43.9910

■ 11.3190, 5.2835,
40.4679

■ 35.1661, 35.2962,
45.0040

■ 10.2796, 4.4329,
40.3585

■ 40.5588, 42.7840,
46.1651

■ 10.2251, 4.3887,
40.3528

■ 46.5648, 51.2357,
47.4799

■ 53.2034, 60.6847,
48.9538

■ 60.4933, 71.1625,
50.5920

■ 68.4523, 82.6995,
52.3994

Harmonies

Analogous

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



14.8093, 14.2464, 51.8915



19.2981, 14.2464, 41.7771



22.6362, 14.2464, 25.6287

Triad

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



19.2981, 14.2464, 41.7771



16.7221, 14.2464, 2.3480



6.9789, 14.2464, 19.3108

Complementary

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



19.2981, 14.2464, 41.7771



27.5452, 36.4659, 14.8198

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.



7.2811, 14.2464, 8.4844



19.2981, 14.2464, 41.7771



12.3468, 14.2464, 1.9908

Square

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



19.2981, 14.2464, 41.7771



20.9463, 14.2464, 5.0210



9.0602, 14.2464, 3.4982



8.1257, 14.2464, 35.1438

Rectangle

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



19.2981, 14.2464, 41.7771



23.4267, 14.2464, 16.0512



9.0602, 14.2464, 3.4982



6.9203, 14.2464, 14.9848

Sweetspot

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



19.2987, 14.2469, 41.7774



58.5735, 56.8735, 80.5274



20.9846, 23.7706, 43.5268



12.6278, 12.1085, 17.8160



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



19.2987, 14.2469, 41.7774



29.9076, 19.6343, 74.8504



26.7305, 18.0782, 42.1252



7.8760, 7.9104, 10.0644



7.4801, 3.2160, 29.2710



0.2711, 0.1219, 0.8172

Inverse Universe

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



25.6058, 17.8426, 26.5205



43.0716, 27.1562, 42.2303



21.7851, 33.4965, 14.5502



8.1970, 8.0921, 9.3482



14.4730, 7.2518, 10.1363



0.4288, 0.2122, 0.4201

Previews

White Background



This preview shows how the XYZ color 19.2981, 14.2464, 41.7771 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 19.2981, 14.2464, 41.7771 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 19.2981, 14.2464, 41.7771

Background



This preview shows how black text looks on a background with the XYZ color 19.2981, 14.2464, 41.7771.



This preview shows how white text looks on a background with the XYZ color 19.2981, 14.2464,

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

19.2981, 14.2464, 41.7771

Protanopia

16.1073, 14.4552, 49.5181

Deuteranopia

14.7245, 14.4036, 40.0343



Tritanopia

14.2750, 14.2277, 17.0328

Trichromacy



Original Color

19.2981, 14.2464, 41.7771

Protanomaly

16.7527, 14.1327, 46.6447

Deuteranomaly

15.7430, 13.8902, 40.3794

Tritanomaly

15.7410, 14.1014, 24.4465

Monochromacy



Original Color

19.2981, 14.2464, 41.7771

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 19.2981, 14.2464, 41.7771 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(123, 88, 174)` looks like.

```
.text, #text, p{  
    color:rgb(123, 88, 174)  
}
```

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(123, 88, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 88, 174) }
```

Border

The CSS property to change the border of an element to XYZ 19.2981, 14.2464, 41.7771 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(123, 88, 174) }
```


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

```
.border{ border-color:rgb(123, 88, 174) }
```

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

Here you see how a box with a 4 pixel rgb(123, 88, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 88, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 88, 174);  
box-shadow:4px 4px 4px 4px rgb(123, 88,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2981, 14.2464, 41.7771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 88, 174) }
```

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

```
.background{ background-color: rgb(123, 88,  
174) }
```

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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