

Converting Colors

XYZ(14.8403, 10.3739, 47.1191)

Have a look what the booklet for
XYZ(14.8403, 10.3739, 47.1191)
contains.

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Color

**XYZ(14.8403, 10.3739,
47.1191)**

Conversions

Conversions Part 1

Format	Color
Hex	534BB9
RGB	83, 75, 185
RGB Percent	33%, 29%, 73%
CMY	0.6745, 0.7059, 0.2745
CMYK	0.55, 0.59, 0.00, 0.27
HSL	244°, 44%, 51%
HSV	244°, 59%, 73%
XYZ	14.8403, 10.3739, 47.1191
YIQ	89.9320, -30.5420, 35.9060

Conversions

Conversions Part 2

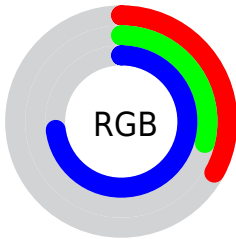
Format	Color
R _Y B	83, 75, 185
Decimal	5458873
CIE Lab	38.51, 34.30, -57.30
CIE LCh	39, 66.786, 300.905
Yxy	10.3739, 0.2052, 0.1434
Android (android.graphics.Color)	4283648953 (0xFF534BB9)
YUV	89.9320, 46.8685, -6.0794
Hunter-Lab	32.2085, 25.8801, -64.1916

Details

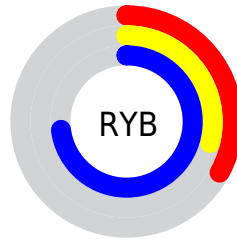
The XYZ color **14.8403, 10.3739, 47.1191** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **36.7495, 44.5527, 13.3193**, and the grayscale version is **9.6067, 10.1070, 11.0065**.

A 20% lighter version of the original color is **34.0499, 26.4016, 87.3058**, and **4.6611, 2.6189, 21.7326** is the 20% darker color. If you saturate the color by 10%, you get **12.4323, 7.5330, 46.6979**, and if you desaturate by 10%, it is **17.9885, 14.1380, 47.6800**.

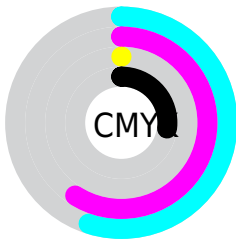
Distribution



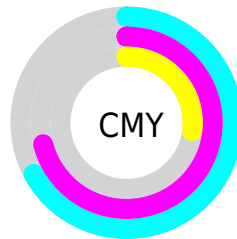
- Red (33%)
- Green (29%)
- Blue (73%)



- Red (33%)
- Yellow (29%)
- Blue (73%)



- Cyan (55%)
- Magenta (59%)
- Yellow (0%)
- Black (27%)



- Cyan (67%)
- Magenta (71%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8403, 10.3739, 47.1191 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 14.8403, 10.3739, 47.1191 by changing the saturation by 10% instead.

■ 14.8403, 10.3739,
47.1191

■ 14.8403, 10.3739,
47.1191

215.8052,
193.3202, 391.6972

■ 8.7930, 5.6476,
32.7748

■ 34.1467, 26.4964,
87.2432

■ 4.6624, 2.6320,
21.6843

■ 48.1365, 38.6614,
113.8601

■ 2.0833, 0.9428,
13.4290

■ 65.5046, 54.0747,
145.4050

■ 0.6801, 0.0000,
7.5904

■ 86.6161, 73.1208,
182.2963

■ 0.0000, 0.0000,
3.7500

■ 111.8366, 96.1840,
224.9526

■ 0.0000, 0.0000,
1.4892

141.5314,

■ 0.0000, 0.0000,

123.6487, 273.7925

0.2099

176.0658,
155.8993, 329.2346

■ 0.0000, 0.0000,
0.0000

■ 14.8403, 10.3739,
47.1191

■ 14.8403, 10.3739,
47.1191

■ 12.4323, 7.5330,
46.6979

■ 17.9885, 14.1380,
47.6800

■ 10.7022, 5.5345,
46.4033

■ 21.9294, 18.8948,
48.3904

■ 9.5800, 4.2855,
46.2214

■ 26.7124, 24.7082,
49.2604

■ 8.9551, 3.6210,
46.1261

■ 32.3824, 31.6366,
50.2989

■ 8.9299, 3.5919,
46.1218

■ 38.9813, 39.7339,
51.5140

■ 46.5481, 49.0508,
52.9136

■ 55.1198, 59.6347,
54.5047

■ 64.7312, 71.5308,
56.2943

■ 75.4157, 84.7816,
58.2888

Harmonies

Analogous

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



9.9935, 10.3739, 56.5378



14.8403, 10.3739, 47.1191



19.1842, 10.3739, 27.5183

Triad

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



14.8403, 10.3739, 47.1191



14.5401, 10.3739, 0.5614



3.6157, 10.3739, 11.6802

Complementary

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



14.8403, 10.3739, 47.1191



36.7495, 44.5527, 13.3193

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.



4.1864, 10.3739, 3.1658



14.8403, 10.3739, 47.1191



9.7278, 10.3739, 0.0000

Square

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



14.8403, 10.3739, 47.1191



18.9778, 10.3739, 2.8919



6.1411, 10.3739, 0.6352



4.2619, 10.3739, 28.7288

Rectangle

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



14.8403, 10.3739, 47.1191



20.7119, 10.3739, 15.5457



6.1411, 10.3739, 0.6352



3.6696, 10.3739, 7.9004

Sweetspot

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



14.8408, 10.3742, 47.1194



59.2865, 58.2409, 90.3215



27.5129, 36.7071, 51.5343



12.0991, 11.7207, 19.3462



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



14.8408, 10.3742, 47.1194



21.3142, 12.3823, 83.4713



21.6444, 13.8816, 47.4378



8.5800, 8.7499, 11.3161



6.1050, 2.4584, 31.4058



0.2358, 0.0973, 1.1081

Inverse Universe

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



30.4591, 18.5207, 43.5621



51.9019, 28.3559, 75.6390



26.7399, 39.3925, 12.8508



9.3520, 9.1512, 11.2008



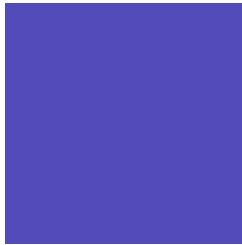
18.6750, 9.0438, 27.2393



0.6668, 0.3222, 1.0048

Previews

White Background



This preview shows how the XYZ color 14.8403, 10.3739, 47.1191 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 14.8403, 10.3739, 47.1191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

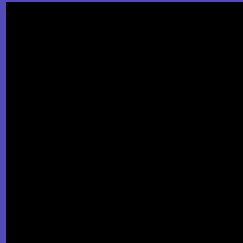
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8403, 10.3739, 47.1191

Background



This preview shows how black text looks on a background with the XYZ color 14.8403, 10.3739, 47.1191.



This preview shows how white text looks on a background with the XYZ color 14.8403, 10.3739,

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

14.8403, 10.3739, 47.1191

Protanopia

12.1652, 10.3192, 47.2496

Deuteranopia

10.2595, 10.3668, 34.7180



Tritanopia

8.3458, 10.3536, 14.9232

Trichromacy



Original Color

14.8403, 10.3739, 47.1191

Protanomaly

12.3856, 9.9653, 47.1696

Deuteranomaly

11.0246, 9.7962, 38.8459

Tritanomaly

10.0554, 9.9898, 23.9525

Monochromacy



Original Color

14.8403, 10.3739, 47.1191

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

10.8807, 10.0039, 20.7595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8403, 10.3739, 47.1191 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(83, 75, 185)` looks like.

```
.text, #text, p{  
    color:rgb(83, 75, 185)  
}
```

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(83, 75, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 75, 185) }
```

Border

The CSS property to change the border of an element to XYZ 14.8403, 10.3739, 47.1191 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(83, 75, 185) }
```


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

```
.border{ border-color:rgb(83, 75, 185) }
```

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

Here you see how a box with a 4 pixel rgb(83, 75, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 75, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 75, 185);  
box-shadow:4px 4px 4px 4px rgb(83, 75,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8403, 10.3739, 47.1191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 75, 185) }
```

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

```
.background{ background-color: rgb(83, 75,  
185) }
```

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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