

Converting Colors

XYZ(24.4947, 16.8416, 19.0993)

Have a look what the booklet for
XYZ(24.4947, 16.8416, 19.0993)
contains.

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Color

**XYZ(24.4947, 16.8416,
19.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	B15376
RGB	177, 83, 118
RGB Percent	69%, 33%, 46%
CMY	0.3059, 0.6745, 0.5373
CMYK	0.00, 0.53, 0.33, 0.31
HSL	338°, 38%, 51%
HSV	338°, 53%, 69%
XYZ	24.4947, 16.8416, 19.0993
YIQ	115.0960, 44.7890, 30.8130

Conversions

Conversions Part 2

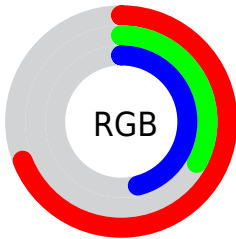
Format	Color
R_{YB}	177, 83, 118
Decimal	11621238
CIE _{Lab}	48.06, 42.07, -1.51
CIE _{LCh}	48, 42.093, 357.946
Yxy	16.8416, 0.4053, 0.2787
Android (android.graphics.Color)	4289811318 (0xFFB15376)
YUV	115.0960, 1.4317, 54.2898
Hunter-Lab	41.0385, 34.7241, 1.1334

Details

The XYZ color **24.4947, 16.8416, 19.0993** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **24.1727, 35.2366, 31.1203**, and the grayscale version is **16.3116, 17.1611, 18.6884**.

A 20% lighter version of the original color is **50.3208, 38.1728, 42.7461**, and **9.4806, 5.4871, 6.3538** is the 20% darker color. If you saturate the color by 10%, you get **22.6874, 14.2221, 15.4291**, and if you desaturate by 10%, it is **26.7264, 20.1853, 23.2950**.

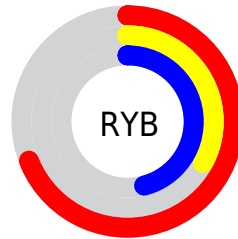
Distribution



Red (69%)

Green (33%)

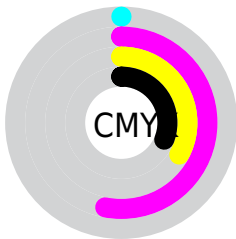
Blue (46%)



Red (69%)

Yellow (33%)

Blue (46%)

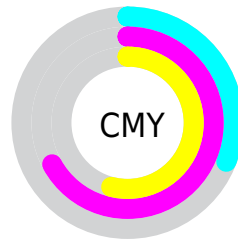


Cyan (0%)

Magenta (53%)

Yellow (33%)

Black (31%)



Cyan (31%)


Magenta (67%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4947, 16.8416, 19.0993 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 24.4947, 16.8416, 19.0993 by changing the saturation by 10% instead.


 24.4947, 16.8416,
19.0993


 24.4947, 16.8416,
19.0993


267.7064,
234.2579, 259.4374


 15.8277, 10.1216,
11.5645


 50.2851, 38.0532,
42.7408

 9.4924, 5.4797,
6.3290


 68.1392, 53.3137,
59.6845


 5.1234, 2.5314,
2.9741

 89.7865, 72.1897,
80.6017

 2.3553, 0.8923,
1.0814

 115.5921, 95.0658,
105.9108

 0.8228, 0.0000,
0.0000

 145.9216,
122.3262, 136.0303

 0.0000, 0.0000,
0.0000

181.1402,

154.3555, 171.3789

221.6134,
191.5379, 212.3751

■ 24.4947, 16.8416,
19.0993

■ 24.4947, 16.8416,
19.0993

■ 22.6874, 14.2221,
15.4291

■ 26.7264, 20.1853,
23.2950

■ 21.2736, 12.2694,
12.2604

■ 29.4076, 24.2996,
28.0367

■ 20.2200, 10.9215,
9.5682

■ 32.5633, 29.2302,
33.3450

■ 19.4867, 10.1036,
7.3243

■ 36.2158, 35.0184,
39.2387

■ 19.1119, 9.7393,
6.0112

■ 40.3863, 41.7027,
45.7361

■ 45.0945, 49.3192,
52.8544

■ 50.3591, 57.9020,
60.6101

■ 56.1981, 67.4835,
69.0191

■ 62.6283, 78.0948,
78.0967

Harmonies

Analogous

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



23.0484, 16.8416, 31.8670



24.4947, 16.8416, 19.0993



23.3845, 16.8416, 10.1624

Triad

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



24.4947, 16.8416, 19.0993



12.8159, 16.8416, 5.3522



12.4281, 16.8416, 42.4655

Complementary

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



24.4947, 16.8416, 19.0993



24.1727, 35.2366, 31.1203

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.



10.3722, 16.8416, 30.0227



24.4947, 16.8416, 19.0993



10.5699, 16.8416, 9.3094

Square

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



24.4947, 16.8416, 19.0993



16.2712, 16.8416, 4.3520



9.7493, 16.8416, 17.5965



15.7465, 16.8416, 48.2837

Rectangle

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



24.4947, 16.8416, 19.0993



21.4289, 16.8416, 6.7598



9.7493, 16.8416, 17.5965



11.5875, 16.8416, 38.7263

Sweetspot

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



24.4952, 16.8425, 19.0996



62.6897, 59.2613, 66.8148



22.0087, 15.0216, 43.3344



13.2993, 12.3883, 14.0188



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.



24.4952, 16.8425, 19.0996



40.0744, 24.6838, 26.4341



23.6932, 17.9720, 10.4049



8.6228, 8.5559, 9.5123



13.8745, 7.0673, 4.4990



0.4654, 0.2339, 0.2932

Inverse Universe

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



24.4952, 16.8425, 19.0996



40.0744, 24.6838, 26.4341



25.1459, 32.2983, 46.5038



8.6228, 8.5559, 9.5123



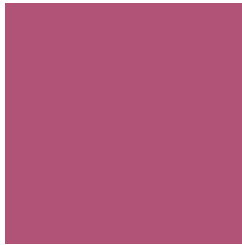
13.8745, 7.0673, 4.4990



0.4654, 0.2339, 0.2932

Previews

White Background



This preview shows how the XYZ color 24.4947, 16.8416, 19.0993 looks on a white background.

Color Contrast Check

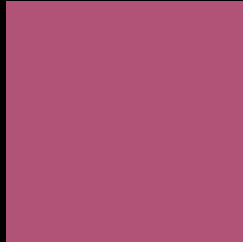
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4947, 16.8416, 19.0993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

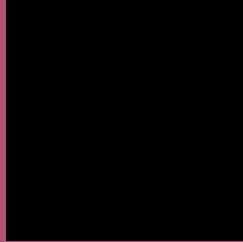
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.4947, 16.8416, 19.0993

Background



This preview shows how black text looks on a background with the XYZ color 24.4947, 16.8416, 19.0993.



This preview shows how white text looks on a background with the XYZ color 24.4947, 16.8416,

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

24.4947, 16.8416, 19.0993

Protanopia

16.9631, 17.1558, 26.0843

Deuteranopia

17.3259, 17.0194, 18.2915



Tritanopia

23.1893, 16.9016, 12.6298

Trichromacy



Original Color

24.4947, 16.8416, 19.0993

Protanomaly

18.7110, 16.3805, 23.2947

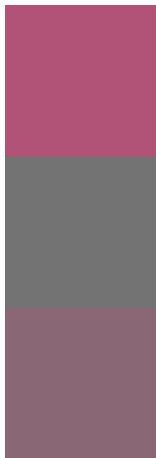
Deuteranomaly

19.4252, 16.5649, 18.3932

Tritanomaly

23.6805, 16.8650, 14.8391

Monochromacy



Original Color

24.4947, 16.8416, 19.0993

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.4839, 16.3647, 18.7075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4947, 16.8416, 19.0993 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(177, 83, 118)` looks like.

```
.text, #text, p{  
    color:rgb(177, 83, 118)  
}
```

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(177, 83, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 83, 118) }
```

Border

The CSS property to change the border of an element to XYZ 24.4947, 16.8416, 19.0993 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(177, 83, 118) }
```


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

```
.border{ border-color:rgb(177, 83, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 83, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 83, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 83, 118);  
box-shadow:4px 4px 4px 4px rgb(177, 83,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4947, 16.8416, 19.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 83, 118) }
```

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

```
.background{ background-color: rgb(177, 83,  
118) }
```

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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