

Converting Colors

XYZ(23.9079, 16.0572, 18.2141)

Have a look what the booklet for
XYZ(23.9079, 16.0572, 18.2141)
contains.

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Color

**XYZ(24.0082, 16.0568,
18.3569)**

Conversions

Conversions Part 1

Format	Color
Hex	B14E74
RGB	177, 78, 116
RGB Percent	69%, 31%, 45%
CMY	0.3059, 0.6941, 0.5451
CMYK	0.00, 0.56, 0.34, 0.31
HSL	337°, 39%, 50%
HSV	337°, 56%, 69%
XYZ	24.0082, 16.0568, 18.3569
YIQ	111.9330, 46.8060, 32.8060

Conversions

Conversions Part 2

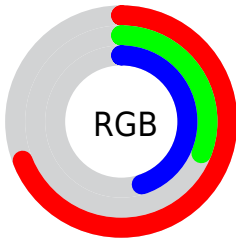
Format	Color
R_{YB}	177, 78, 116
Decimal	11619956
CIE _{Lab}	47.05, 44.30, -1.78
CIE _{LCh}	47, 44.339, 357.697
Yxy	16.0568, 0.4109, 0.2748
Android (android.graphics.Color)	4289810036 (0xFFB14E74)
YUV	111.9330, 2.0050, 57.0638
Hunter-Lab	40.0709, 36.8228, 0.8883

Details

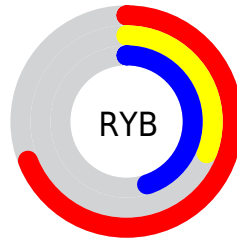
The XYZ color **24.0082, 16.0568, 18.3569** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23.5250, 34.9284, 29.9299**, and the grayscale version is **15.3667, 16.1669, 17.6058**.

A 20% lighter version of the original color is **49.4451, 36.7219, 41.5278**, and **9.2552, 5.1356, 5.9723** is the 20% darker color. If you saturate the color by 10%, you get **22.3180, 13.6328, 14.8450**, and if you desaturate by 10%, it is **26.1122, 19.1891, 22.3745**.

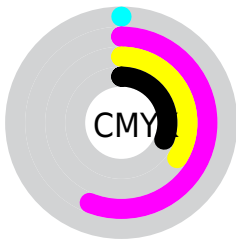
Distribution



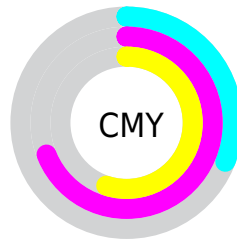
- Red (69%)
- Green (31%)
- Blue (45%)



- Red (69%)
- Yellow (31%)
- Blue (45%)



- Cyan (0%)
- Magenta (56%)
- Yellow (34%)
- Black (31%)



- Cyan (31%)
- Magenta (69%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0082, 16.0568, 18.3569 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 24.0082, 16.0568, 18.3569 by changing the saturation by 10% instead.

■ 24.0082, 16.0568,
18.3569

■ 24.0082, 16.0568,
18.3569

265.3016,
229.6766, 255.1784

■ 15.4645, 9.5644,
11.0344

■ 49.4982, 36.6968,
41.4667

■ 9.2344, 5.1111,
5.9755

■ 67.1751, 51.6131,
58.0910

■ 4.9527, 2.3126,
2.7617

■ 88.6272, 70.1062,
78.6531

■ 2.2540, 0.7804,
0.9743

■ 114.2197, 92.5604,
103.5715

■ 0.7710, 0.0000,
0.0000

■ 144.3180,
119.3602, 133.2647

■ 0.0000, 0.0000,
0.0000

179.2876,

150.8899, 168.1512

219.4937,
187.5339, 208.6496

■ 24.0082, 16.0568,
18.3569

■ 24.0082, 16.0568,
18.3569

■ 22.3180, 13.6328,
14.8450

■ 26.1122, 19.1891,
22.3745

■ 21.0099, 11.8578,
11.8153

■ 28.6559, 23.0776,
26.9182

■ 20.0493, 10.6672,
9.2428

■ 31.6644, 27.7690,
32.0079

■ 19.3916, 9.9763,
7.0987

■ 35.1607, 33.3055,
37.6622

■ 19.1728, 9.7637,
6.3324

■ 39.1660, 39.7262,
43.8989

■ 43.7004, 47.0678,
50.7348

■ 48.7827, 55.3649,
58.1860

■ 54.4309, 64.6505,
66.2681

■ 60.6621, 74.9557,
74.9959

Harmonies

Analogous

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



22.4860, 16.0568, 31.5884



24.0082, 16.0568, 18.3569



22.8769, 16.0568, 9.3056

Triad

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



24.0082, 16.0568, 18.3569



12.0462, 16.0568, 4.5586



11.6076, 16.0568, 42.5156

Complementary

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



24.0082, 16.0568, 18.3569



23.5250, 34.9284, 29.9299

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.



9.5570, 16.0568, 29.4308



24.0082, 16.0568, 18.3569



9.7784, 16.0568, 8.3616

Square

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



24.0082, 16.0568, 18.3569



15.5636, 16.0568, 3.6356



8.9483, 16.0568, 16.6375



14.9633, 16.0568, 48.7542

Rectangle

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



24.0082, 16.0568, 18.3569



20.8614, 16.0568, 5.9540



8.9483, 16.0568, 16.6375



10.7658, 16.0568, 38.5584

Sweetspot

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



24.0086, 16.0576, 18.3572



62.0666, 58.2077, 66.0127



21.0432, 13.9763, 43.1836



13.1771, 12.1795, 13.8679



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.



24.0086, 16.0576, 18.3572



39.3948, 23.6151, 25.3119



22.9887, 16.8611, 9.2516



8.6268, 8.5575, 9.5334



13.9191, 7.0852, 4.7341



0.4670, 0.2345, 0.3017

Inverse Universe

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



24.0086, 16.0576, 18.3572



39.3948, 23.6151, 25.3119



24.9153, 32.4685, 46.5488



8.6268, 8.5575, 9.5334



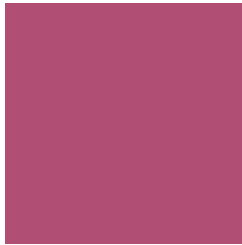
13.9191, 7.0852, 4.7341



0.4670, 0.2345, 0.3017

Previews

White Background



This preview shows how the XYZ color 24.0082, 16.0568, 18.3569 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 24.0082, 16.0568, 18.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

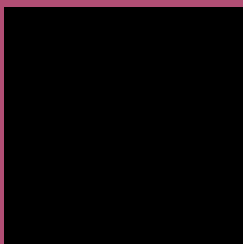
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.0082, 16.0568, 18.3569

Background



This preview shows how black text looks on a background with the XYZ color 24.0082, 16.0568, 18.3569.



This preview shows how white text looks on a background with the XYZ color 24.0082, 16.0568,

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

24.0082, 16.0568, 18.3569

Protanopia

16.1437, 16.2392, 25.9505

Deuteranopia

16.5063, 16.2959, 17.3144



Tritanopia

22.5756, 16.0217, 11.3538

Trichromacy



Original Color

24.0082, 16.0568, 18.3569

Protanomaly

17.9400, 15.4142, 22.7986

Deuteranomaly

18.6760, 15.7673, 17.6818

Tritanomaly

23.0991, 16.0158, 13.6783

Monochromacy



Original Color

24.0082, 16.0568, 18.3569

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.6912, 15.5408, 17.6900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0082, 16.0568, 18.3569 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, 78, 116)` looks like.

```
.text, #text, p{  
    color:rgb(177, 78, 116)  
}
```

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, 78, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 78, 116) }
```

Border

The CSS property to change the border of an element to XYZ 24.0082, 16.0568, 18.3569 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, 78, 116) }
```


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

```
.border{ border-color:rgb(177, 78, 116) }
```

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

Here you see how a box with a 4 pixel rgb(177, 78, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 78, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 78, 116);  
box-shadow:4px 4px 4px 4px rgb(177, 78,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0082, 16.0568, 18.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 78, 116) }
```

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

```
.background{ background-color: rgb(177, 78,  
116) }
```

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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