

Converting Colors

XYZ(24.0506, 14.2908, 18.8166)

Have a look what the booklet for
XYZ(24.0506, 14.2908, 18.8166)
contains.

XYZ(24.1342, 14.3031, 18.9415)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.1342, 14.3031,
18.9415)**

Conversions

Conversions Part 1

Format	Color
Hex	B63A77
RGB	182, 58, 119
RGB Percent	71%, 23%, 47%
CMY	0.2863, 0.7725, 0.5333
CMYK	0.00, 0.68, 0.35, 0.29
HSL	330°, 52%, 47%
HSV	330°, 68%, 71%
XYZ	24.1342, 14.3031, 18.9415
YIQ	102.0300, 54.3230, 45.2590

Conversions

Conversions Part 2

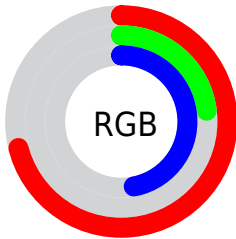
Format	Color
R_{YB}	182, 58, 119
Decimal	11942519
CIE _{Lab}	44.66, 55.13, -7.05
CIE _{LCh}	45, 55.582, 352.710
Yxy	14.3031, 0.4206, 0.2493
Android (android.graphics.Color)	4290132599 (0xFFB63A77)
YUV	102.0300, 8.3662, 70.1337
Hunter-Lab	37.8194, 47.7245, -3.2212

Details

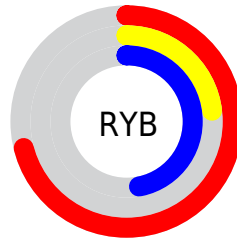
The XYZ color **24.1342, 14.3031, 18.9415** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **21.9249, 35.7363, 23.8337**, and the grayscale version is **12.6068, 13.2633, 14.4438**.

A 20% lighter version of the original color is **49.6436, 33.6757, 42.4116**, and **9.5948, 4.8149, 6.3849** is the 20% darker color. If you saturate the color by 10%, you get **22.8447, 12.5701, 15.9037**, and if you desaturate by 10%, it is **25.8027, 16.7076, 22.3726**.

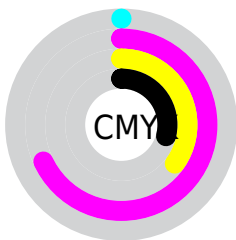
Distribution



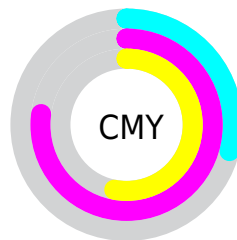
- Red (71%)
- Green (23%)
- Blue (47%)



- Red (71%)
- Yellow (23%)
- Blue (47%)



- Cyan (0%)
- Magenta (68%)
- Yellow (35%)
- Black (29%)



- Cyan (29%)
- Magenta (77%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1342, 14.3031, 18.9415 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 24.1342, 14.3031, 18.9415 by changing the saturation by 10% instead.

■ 24.1342, 14.3031,
18.9415

■ 24.1342, 14.3031,
18.9415

265.9261,
219.1084, 258.5376

■ 15.5585, 8.3318,
11.4516

■ 49.7022, 33.6259,
42.4706

■ 9.3011, 4.3080,
6.2535

■ 67.4252, 47.7461,
59.3469

■ 4.9968, 1.8473,
2.9286

■ 88.9279, 65.3514,
80.1891

■ 2.2801, 0.5164,
1.0583

■ 114.5759, 86.8263,
105.4158

■ 0.7845, 0.0000,
0.0000

■ 144.7343,
112.5550, 135.4454

■ 0.0000, 0.0000,
0.0000

179.7686,

142.9220, 170.6966

220.0441,
178.3116, 211.5878

■ 24.1342, 14.3031,
18.9415

■ 24.1342, 14.3031,
18.9415

■ 22.8447, 12.5701,
15.9037

■ 25.8027, 16.7076,
22.3726

■ 21.8957, 11.4339,
13.2383

■ 27.8814, 19.8435,
26.2141

■ 21.2279, 10.7788,
10.9178

■ 30.3991, 23.7664,
30.4830

■ 21.1168, 10.6752,
10.5152

■ 33.3817, 28.5259,
35.1944

■ 36.8531, 34.1676,
40.3630

■ 40.8354, 40.7335,
46.0023

■ 45.3493, 48.2632,
52.1254

■ 50.4143, 56.7937,
58.7447

■ 56.0490, 66.3604,
65.8721

Harmonies

Analogous

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



21.7237, 14.3031, 35.9783



24.1342, 14.3031, 18.9415



23.2623, 14.3031, 7.8206

Triad

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



24.1342, 14.3031, 18.9415



10.5150, 14.3031, 2.0633



8.9898, 14.3031, 44.8536

Complementary

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



24.1342, 14.3031, 18.9415



21.9249, 35.7363, 23.8337

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.



7.0632, 14.3031, 27.2595



24.1342, 14.3031, 18.9415



7.7983, 14.3031, 4.8547

Square

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



24.1342, 14.3031, 18.9415



14.7247, 14.3031, 1.6469



6.6812, 14.3031, 12.6307



12.5240, 14.3031, 55.4627

Rectangle

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



24.1342, 14.3031, 18.9415



21.0115, 14.3031, 4.0741



6.6812, 14.3031, 12.6307



8.1677, 14.3031, 39.2131

Sweetspot

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



24.1346, 14.3039, 18.9418



65.3448, 59.5428, 71.0337



17.7032, 10.3976, 45.3298



14.0353, 12.5040, 15.1019



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.



24.1346, 14.3039, 18.9418



40.4402, 21.5804, 26.2099



21.5687, 13.2775, 5.4300



9.1838, 9.0839, 10.3152



14.9459, 7.5521, 7.6019



0.5582, 0.2787, 0.4327

Inverse Universe

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



24.1346, 14.3039, 18.9418



40.4402, 21.5804, 26.2099



26.9168, 37.7330, 50.1205



9.1838, 9.0839, 10.3152



14.9459, 7.5521, 7.6019



0.5582, 0.2787, 0.4327

Previews

White Background



This preview shows how the XYZ color 24.1342, 14.3031, 18.9415 looks on a white background.

Color Contrast Check

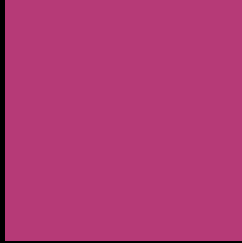
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1342, 14.3031, 18.9415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

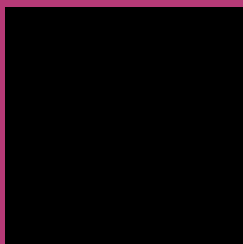
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.1342, 14.3031, 18.9415

Background



This preview shows how black text looks on a background with the XYZ color 24.1342, 14.3031, 18.9415.



This preview shows how white text looks on a background with the XYZ color 24.1342, 14.3031,

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

24.1342, 14.3031, 18.9415

Protanopia

15.0511, 14.6128, 31.3054

Deuteranopia

14.7703, 14.4702, 17.6373



Tritanopia

21.9546, 14.3344, 8.0882

Trichromacy



Original Color

24.1342, 14.3031, 18.9415

Protanomaly

16.6074, 13.2035, 26.0993

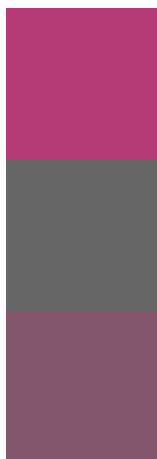
Deuteranomaly

17.1502, 13.5432, 17.9298

Tritanomaly

22.5582, 14.2221, 11.2290

Monochromacy



Original Color

24.1342, 14.3031, 18.9415

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

15.3946, 12.5636, 15.8010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1342, 14.3031, 18.9415 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(182, 58, 119)` looks like.

```
.text, #text, p{  
    color:rgb(182, 58, 119)  
}
```

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(182, 58, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 58, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.1342, 14.3031, 18.9415 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(182, 58, 119) }
```


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

```
.border{ border-color:rgb(182, 58, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 58, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 58, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 58, 119);  
box-shadow:4px 4px 4px 4px rgb(182, 58,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1342, 14.3031, 18.9415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 58, 119) }
```

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

```
.background{ background-color: rgb(182, 58,  
119) }
```

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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