

Converting Colors

XYZ(24.6169, 14.9858, 18.4466)

Have a look what the booklet for
XYZ(24.6169, 14.9858, 18.4466)
contains.

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Color

**XYZ(24.5168, 14.9066,
18.4147)**

Conversions

Conversions Part 1

Format	Color
Hex	B73F75
RGB	183, 63, 117
RGB Percent	72%, 25%, 46%
CMY	0.2824, 0.7529, 0.5412
CMYK	0.00, 0.66, 0.36, 0.28
HSL	333°, 49%, 48%
HSV	333°, 66%, 72%
XYZ	24.5168, 14.9066, 18.4147
YIQ	105.0360, 54.1860, 42.2340

Conversions

Conversions Part 2

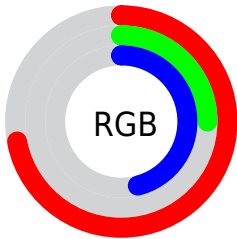
Format	Color
R_{YB}	183, 63, 117
Decimal	12009333
CIE _{Lab}	45.51, 53.17, -4.56
CIE _{LCh}	46, 53.365, 355.101
Yxy	14.9066, 0.4239, 0.2577
Android (android.graphics.Color)	4290199413 (0xFFB73F75)
YUV	105.0360, 5.8983, 68.3744
Hunter-Lab	38.6091, 45.7818, -1.2522

Details

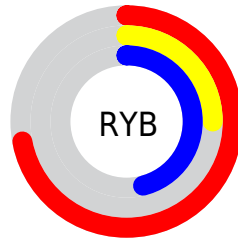
The XYZ color **24.5168, 14.9066, 18.4147** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **22.9467, 36.5091, 26.6086**, and the grayscale version is **13.4119, 14.1104, 15.3662**.

A 20% lighter version of the original color is **50.2578, 34.6987, 41.5848**, and **9.6784, 4.8653, 6.0592** is the 20% darker color. If you saturate the color by 10%, you get **23.1061, 12.9819, 15.1799**, and if you desaturate by 10%, it is **26.3288, 17.5318, 22.0975**.

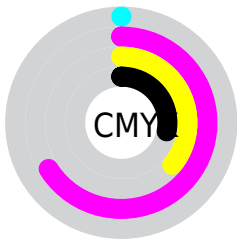
Distribution



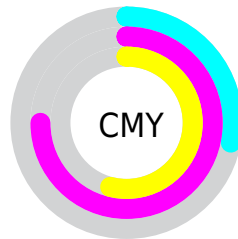
- Red (72%)
- Green (25%)
- Blue (46%)



- Red (72%)
- Yellow (25%)
- Blue (46%)



- Cyan (0%)
- Magenta (66%)
- Yellow (36%)
- Black (28%)



- Cyan (28%)
- Magenta (75%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5168, 14.9066, 18.4147 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 24.5168, 14.9066, 18.4147 by changing the saturation by 10% instead.

■ 24.5168, 14.9066,
18.4147

■ 24.5168, 14.9066,
18.4147

267.8152,
222.8002, 255.5124

■ 15.8442, 8.7539,
11.0756

■ 50.3208, 34.6892,
41.5661

■ 9.5041, 4.5810,
6.0029

■ 68.1829, 49.0879,
58.2156

■ 5.1312, 2.0036,
2.7780

■ 89.8390, 67.0041,
78.8056

■ 2.3600, 0.6095,
0.9824

■ 115.6543, 88.8221,
103.7546

■ 0.8251, 0.0000,
0.0000

■ 145.9942,
114.9263, 133.4813

■ 0.0000, 0.0000,
0.0000

181.2241,

145.7011, 168.4041

221.7093,
181.5309, 208.9416

■ 24.5168, 14.9066,
18.4147

■ 24.5168, 14.9066,
18.4147

■ 23.1061, 12.9819,
15.1799

■ 26.3288, 17.5318,
22.0975

■ 22.0585, 11.6848,
12.3702

■ 28.5728, 20.9163,
26.2477

■ 21.3287, 10.9282,
9.9601

■ 31.2778, 25.1149,
30.8840

■ 21.0646, 10.6817,
9.0032

■ 34.4700, 30.1772,
36.0239

■ 38.1732, 36.1482,
41.6837

■ 42.4100, 43.0703,
47.8790

■ 47.2014, 50.9829,
54.6246

■ 52.5670, 59.9233,
61.9347

■ 58.5260, 69.9267,
69.8228

Harmonies

Analogous

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



22.4076, 14.9066, 34.6737



24.5168, 14.9066, 18.4147



23.4142, 14.9066, 7.8973

Triad

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



24.5168, 14.9066, 18.4147



10.8399, 14.9066, 2.6172



9.8153, 14.9066, 45.7628

Complementary

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



24.5168, 14.9066, 18.4147



22.9467, 36.5091, 26.6086

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.



7.7469, 14.9066, 29.0021



24.5168, 14.9066, 18.4147



8.2458, 14.9066, 5.8605

Square

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



24.5168, 14.9066, 18.4147



14.9116, 14.9066, 2.0120



7.2391, 14.9066, 14.2267



13.4500, 14.9066, 54.9311

Rectangle

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



24.5168, 14.9066, 18.4147



21.1063, 14.9066, 4.3258



7.2391, 14.9066, 14.2267



8.9465, 14.9066, 40.5098

Sweetspot

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



24.5172, 14.9074, 18.4150



65.0937, 59.4424, 69.7116



19.3788, 11.6420, 46.0255



13.9735, 12.4793, 14.7767



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.



24.5172, 14.9074, 18.4150



40.4176, 22.0187, 24.7118



22.5543, 14.6833, 6.3490



9.1681, 9.0776, 10.2325



14.7287, 7.4652, 6.4579



0.5505, 0.2757, 0.3923

Inverse Universe

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



24.5172, 14.9074, 18.4150



40.4176, 22.0187, 24.7118



26.3198, 35.9203, 50.3459



9.1681, 9.0776, 10.2325



14.7287, 7.4652, 6.4579



0.5505, 0.2757, 0.3923

Previews

White Background



This preview shows how the XYZ color 24.5168, 14.9066, 18.4147 looks on a white background.

Color Contrast Check

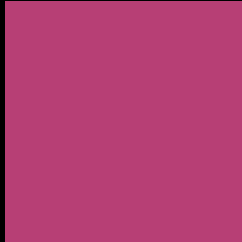
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5168, 14.9066, 18.4147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

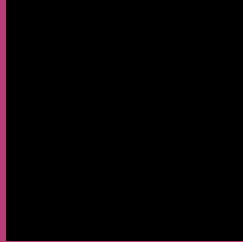
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.5168, 14.9066, 18.4147

Background



This preview shows how black text looks on a background with the XYZ color 24.5168, 14.9066, 18.4147.



This preview shows how white text looks on a background with the XYZ color 24.5168, 14.9066,

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

24.5168, 14.9066, 18.4147

Protanopia

15.4830, 15.1874, 29.3095

Deuteranopia

15.3920, 15.1024, 17.1427



Tritanopia

22.4793, 14.8738, 8.7073

Trichromacy



Original Color

24.5168, 14.9066, 18.4147

Protanomaly

17.1675, 13.8986, 24.6995

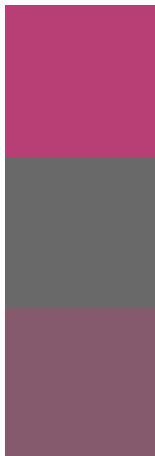
Deuteranomaly

17.7921, 14.2554, 17.4366

Tritanomaly

23.1159, 14.8527, 11.7737

Monochromacy



Original Color

24.5168, 14.9066, 18.4147

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

16.0893, 13.4030, 16.2070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5168, 14.9066, 18.4147 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(183, 63, 117)` looks like.

```
.text, #text, p{  
    color:rgb(183, 63, 117)  
}
```

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(183, 63, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 63, 117) }
```

Border

The CSS property to change the border of an element to XYZ 24.5168, 14.9066, 18.4147 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(183, 63, 117) }
```


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

```
.border{ border-color:rgb(183, 63, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 63, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 63, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 63, 117);  
box-shadow:4px 4px 4px 4px rgb(183, 63,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5168, 14.9066, 18.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 63, 117) }
```

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

```
.background{ background-color: rgb(183, 63,  
117) }
```

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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