

Converting Colors

XYZ(24.4880, 18.9262, 24.4265)

Have a look what the booklet for
XYZ(24.4880, 18.9262, 24.4265)
contains.

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Color

**XYZ(24.5167, 18.9148,
24.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	A66485
RGB	166, 100, 133
RGB Percent	65%, 39%, 52%
CMY	0.3490, 0.6078, 0.4784
CMYK	0.00, 0.40, 0.20, 0.35
HSL	330°, 27%, 52%
HSV	330°, 40%, 65%
XYZ	24.5167, 18.9148, 24.5490
YIQ	123.4960, 28.7430, 24.2550

Conversions

Conversions Part 2

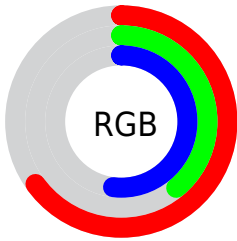
Format	Color
R_{YB}	166, 100, 133
Decimal	10904709
CIE Lab	50.59, 31.27, -6.92
CIE LCh	51, 32.024, 347.518
Yxy	18.9148, 0.3606, 0.2782
Android (android.graphics.Color)	4289094789 (0xFFA66485)
YUV	123.4960, 4.6855, 37.2760
Hunter-Lab	43.4911, 24.5140, -3.0230

Details

The XYZ color **24.5167, 18.9148, 24.5490** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.1263, 31.6758, 27.0870**, and the grayscale version is **18.9695, 19.9574, 21.7336**.

A 20% lighter version of the original color is **50.2154, 41.5312, 51.8241**, and **9.4662, 6.4525, 9.1340** is the 20% darker color. If you saturate the color by 10%, you get **22.5328, 15.8286, 21.1693**, and if you desaturate by 10%, it is **26.8714, 22.6697, 28.2763**.

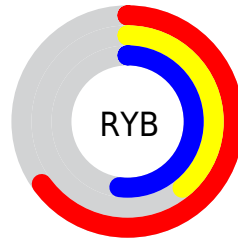
Distribution



Red (65%)

Green (39%)

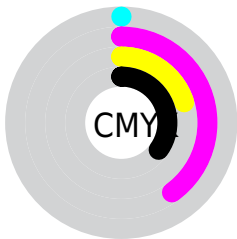
Blue (52%)



Red (65%)

Yellow (39%)

Blue (52%)

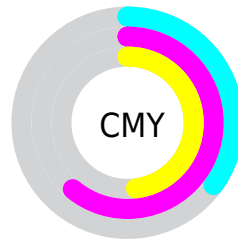


Cyan (0%)

Magenta (40%)

Yellow (20%)

Black (35%)



Cyan (35%)


Magenta (61%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5167, 18.9148, 24.5490 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 24.5167, 18.9148, 24.5490 by changing the saturation by 10% instead.

 24.5167, 18.9148,
24.5490


 24.5167, 18.9148,
24.5490


267.8147,
245.9780, 288.9598


 15.8442, 11.6087,
15.5254


 50.3206, 41.5901,
51.8796

 9.5041, 6.4778,
9.0383


 68.1827, 57.7281,
71.0238

 5.1311, 3.1378,
4.6690


 89.8388, 77.5789,
94.3785

 2.3600, 1.2041,
1.9991

 115.6540,
101.5268, 122.3623

 0.8251, 0.0650,
0.5547

145.9939,
129.9563, 155.3938

 0.0000, 0.0000,
0.0000

181.2237,

163.2517, 193.8916

221.7089,
201.7975, 238.2741

■ 24.5167, 18.9148,
24.5490

■ 24.5167, 18.9148,
24.5490

■ 22.5328, 15.8286,
21.1693

■ 26.8714, 22.6697,
28.2763

■ 20.8972, 13.3684,
18.1241

■ 29.6145, 27.1273,
32.3615

■ 19.5874, 11.4906,
15.4005

■ 32.7643, 32.3226,
36.8156

■ 18.5773, 10.1448,
12.9845

■ 36.3374, 38.2874,
41.6489

■ 17.8364, 9.2720,
10.8601

■ 40.3496, 45.0516,
46.8712

■ 17.2993, 8.7434,
8.9995

■ 44.8156, 52.6434,
52.4918

■ 17.2871, 8.7315,
8.9569

■ 49.7498, 61.0899,
58.5197

■ 55.1655, 70.4167,
64.9637

■ 61.0758, 80.6485,
71.8321

Harmonies

Analogous

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



22.7911, 18.9148, 34.5646



24.5167, 18.9148, 24.5490



24.3488, 18.9148, 15.8308

Triad

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



24.5167, 18.9148, 24.5490



16.2268, 18.9148, 8.1442



14.2124, 18.9148, 36.0989

Complementary

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



24.5167, 18.9148, 24.5490



23.1263, 31.6758, 27.0870

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.



12.8283, 18.9148, 26.2303



24.5167, 18.9148, 24.5490



13.8951, 18.9148, 11.0107

Square

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



24.5167, 18.9148, 24.5490



19.3102, 18.9148, 7.9348



12.7193, 18.9148, 17.0901



16.7084, 18.9148, 42.4206

Rectangle

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



24.5167, 18.9148, 24.5490



23.1858, 18.9148, 11.7812



12.7193, 18.9148, 17.0901



13.6149, 18.9148, 32.9747

Sweetspot

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



24.5173, 18.9157, 24.5494



57.9836, 56.2091, 64.7594



21.1138, 16.8551, 38.2172



12.8133, 12.3101, 14.2644



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.5173, 18.9157, 24.5494



41.1805, 29.1658, 38.9263



22.5840, 18.1424, 14.3692



7.6817, 7.6025, 8.6408



13.4289, 6.7803, 7.0699



0.3526, 0.1753, 0.3081

Inverse Universe

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



24.5173, 18.9157, 24.5494



41.1805, 29.1658, 38.9263



25.7753, 32.7354, 41.0367



7.6817, 7.6025, 8.6408



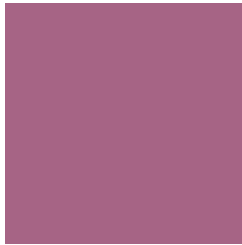
13.4289, 6.7803, 7.0699



0.3526, 0.1753, 0.3081

Previews

White Background



This preview shows how the XYZ color 24.5167, 18.9148, 24.5490 looks on a white background.

Color Contrast Check

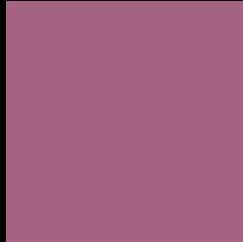
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.5167, 18.9148, 24.5490 looks on a black 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

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

XYZ 24.5167, 18.9148, 24.5490

Background



This preview shows how black text looks on a background with the XYZ color 24.5167, 18.9148, 24.5490.



This preview shows how white text looks on a background with the XYZ color 24.5167, 18.9148,

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

24.5167, 18.9148, 24.5490

Protanopia

18.9750, 19.1531, 29.8910

Deuteranopia

19.2926, 18.9235, 23.7549



Tritanopia

23.1848, 18.9630, 17.7675

Trichromacy



Original Color

24.5167, 18.9148, 24.5490

Protanomaly

20.5444, 18.8017, 27.7456

Deuteranomaly

20.9365, 18.7584, 23.9900

Tritanomaly

23.7575, 19.0559, 20.1953

Monochromacy



Original Color

24.5167, 18.9148, 24.5490

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.6090, 19.2827, 22.7144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5167, 18.9148, 24.5490 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(166, 100, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 100, 133)  
}
```

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(166, 100, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 100, 133) }
```

Border

The CSS property to change the border of an element to XYZ 24.5167, 18.9148, 24.5490 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(166, 100, 133) }
```


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

```
.border{ border-color:rgb(166, 100, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 100, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 100, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 100, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 100,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5167, 18.9148, 24.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 100, 133) }
```

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

```
.background{ background-color: rgb(166,  
100, 133) }
```

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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