

Converting Colors

XYZ(24.5687, 18.7138, 26.4930)

Have a look what the booklet for
XYZ(24.5687, 18.7138, 26.4930)
contains.

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Color

**XYZ(24.5663, 18.7580,
26.3706)**

Conversions

Conversions Part 1

Format	Color
Hex	A5638A
RGB	165, 99, 138
RGB Percent	65%, 39%, 54%
CMY	0.3529, 0.6117, 0.4588
CMYK	0.00, 0.40, 0.16, 0.35
HSL	325°, 27%, 52%
HSV	325°, 40%, 65%
XYZ	24.5663, 18.7580, 26.3706
YIQ	123.1800, 26.8170, 26.1210

Conversions

Conversions Part 2

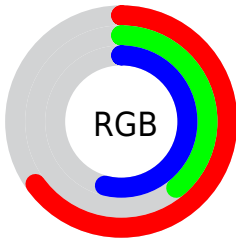
Format	Color
R_{YB}	165, 99, 138
Decimal	10838922
CIE _{Lab}	50.40, 32.28, -10.18
CIE _{LCh}	50, 33.844, 342.497
Yxy	18.7580, 0.3525, 0.2691
Android (android.graphics.Color)	4289029002 (0xFFFA5638A)
YUV	123.1800, 7.3063, 36.6761
Hunter-Lab	43.3105, 25.4542, -5.7827

Details

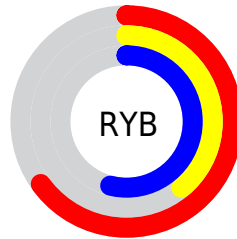
The XYZ color **24.5663, 18.7580, 26.3706** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.3674, 31.0697, 24.5582**, and the grayscale version is **18.8571, 19.8391, 21.6048**.

A 20% lighter version of the original color is **50.2894, 41.2670, 54.6050**, and **9.5841, 6.4305, 9.9686** is the 20% darker color. If you saturate the color by 10%, you get **22.6863, 15.7558, 23.4072**, and if you desaturate by 10%, it is **26.7972, 22.4129, 29.6012**.

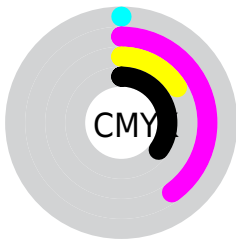
Distribution



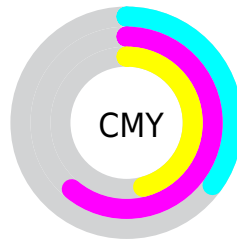
- Red (65%)
- Green (39%)
- Blue (54%)



- Red (65%)
- Yellow (39%)
- Blue (54%)



- Cyan (0%)
- Magenta (40%)
- Yellow (16%)
- Black (35%)




- Cyan (35%)
- Magenta (61%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5663, 18.7580, 26.3706 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 24.5663, 18.7580, 26.3706 by changing the saturation by 10% instead.


 24.5663, 18.7580,
26.3706


 24.5663, 18.7580,
26.3706


268.0588,
245.1095, 298.2598

 15.8812, 11.4955,
16.8728


 50.4007, 41.3248,
54.8636


 9.5305, 6.4012,
9.9829


 68.2808, 57.3979,
74.6960

 5.1486, 3.0905,
5.2821


 89.9566, 77.1767,
98.8103

 2.3704, 1.1792,
2.3521

 115.7935,
101.0455, 127.6250

 0.8303, 0.0446,
0.7602

146.1568,
129.3888, 161.5588

 0.0000, 0.0000,
0.0000

181.4119,

162.5910, 201.0302

221.9241,
201.0364, 246.4577

■ 24.5663, 18.7580,
26.3706

■ 24.5663, 18.7580,
26.3706

■ 22.6863, 15.7558,
23.4072

■ 26.7972, 22.4129,
29.6012

■ 21.1354, 13.3642,
20.7005

■ 29.3957, 26.7538,
33.1067

■ 19.8918, 11.5405,
18.2407


■ 32.3796, 31.8151,
36.8958


■ 18.9303, 10.2350,
16.0165

■ 35.7648, 37.6280,
40.9762


■ 18.2213, 9.3896,
14.0150


■ 39.5664, 44.2217,
45.3554


 17.6981, 8.8719,
12.2111

 43.7987, 51.6242,
50.0407

 17.6980, 8.8717,
12.2107

 48.4753, 59.8618,
55.0387

 53.6092, 68.9597,
60.3563

 59.2127, 78.9421,
65.9996

Harmonies

Analogous

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



22.4518, 18.7580, 36.9014



24.5663, 18.7580, 26.3706



24.7438, 18.7580, 16.7503

Triad

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



24.5663, 18.7580, 26.3706



16.4951, 18.7580, 7.3532



13.5605, 18.7580, 35.2665

Complementary

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



24.5663, 18.7580, 26.3706



22.3674, 31.0697, 24.5582

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.



12.3397, 18.7580, 24.5996



24.5663, 18.7580, 26.3706



13.8886, 18.7580, 9.7687

Square

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



24.5663, 18.7580, 26.3706



19.7995, 18.7580, 7.5624



12.4519, 18.7580, 15.4466



15.9936, 18.7580, 43.0260

Rectangle

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



24.5663, 18.7580, 26.3706



23.7128, 18.7580, 12.1568



12.4519, 18.7580, 15.4466



13.0090, 18.7580, 31.7826

Sweetspot

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



24.5669, 18.7589, 26.3710



56.7406, 54.8495, 64.5248



19.7702, 16.0315, 37.6498



12.2591, 11.7436, 13.9237



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.5669, 18.7589, 26.3710



40.9759, 28.7629, 42.4907



22.5603, 17.9563, 15.8048



7.2411, 7.1529, 8.2560



13.4139, 6.7216, 9.3703



0.3045, 0.1503, 0.3160

Inverse Universe

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



24.5669, 18.7589, 26.3710



40.9759, 28.7629, 42.4907



24.8074, 32.0457, 37.4069



7.2411, 7.1529, 8.2560



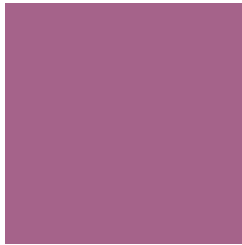
13.4139, 6.7216, 9.3703



0.3045, 0.1503, 0.3160

Previews

White Background



This preview shows how the XYZ color 24.5663, 18.7580, 26.3706 looks on a white background.

Color Contrast Check

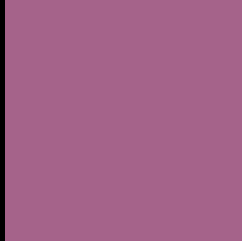
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5663, 18.7580, 26.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

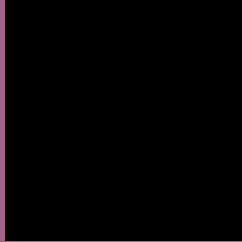
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5663, 18.7580, 26.3706

Background



This preview shows how black text looks on a background with the XYZ color 24.5663, 18.7580, 26.3706.



This preview shows how white text looks on a background with the XYZ color 24.5663, 18.7580,

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

24.5663, 18.7580, 26.3706

Protanopia

18.9464, 18.9054, 32.3563

Deuteranopia

19.1919, 18.8318, 25.5451



Tritanopia

22.7752, 18.7519, 17.7483

Trichromacy



Original Color

24.5663, 18.7580, 26.3706

Protanomaly

20.4207, 18.5202, 30.1022

Deuteranomaly

20.8351, 18.5049, 25.7662

Tritanomaly

23.3068, 18.6697, 20.4644

Monochromacy



Original Color

24.5663, 18.7580, 26.3706

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.3948, 18.9964, 23.0138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5663, 18.7580, 26.3706 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(165, 99, 138)` looks like.

```
.text, #text, p{  
    color:rgb(165, 99, 138)  
}
```

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(165, 99, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 99, 138) }
```

Border

The CSS property to change the border of an element to XYZ 24.5663, 18.7580, 26.3706 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(165, 99, 138) }
```


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

```
.border{ border-color:rgb(165, 99, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 99, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 99, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 99, 138);  
box-shadow:4px 4px 4px 4px rgb(165, 99,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5663, 18.7580, 26.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 99, 138) }
```

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

```
.background{ background-color: rgb(165, 99,  
138) }
```

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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