

Converting Colors

XYZ(25.0403, 18.8725, 51.7575)

Have a look what the booklet for
XYZ(25.0403, 18.8725, 51.7575)
contains.

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Color

**XYZ(24.9706, 18.8398,
51.6106)**

Conversions

Conversions Part 1

Format	Color
Hex	8C66BF
RGB	140, 102, 191
RGB Percent	55%, 40%, 75%
CMY	0.4510, 0.6000, 0.2510
CMYK	0.27, 0.47, 0.00, 0.25
HSL	266°, 41%, 57%
HSV	266°, 47%, 75%
XYZ	24.9706, 18.8398, 51.6106
YIQ	123.5080, -5.9210, 35.7350

Conversions

Conversions Part 2

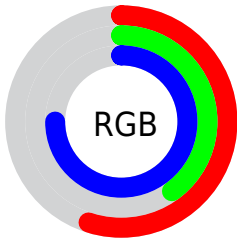
Format	Color
R_{YB}	140, 102, 191
Decimal	9201343
CIE _{Lab}	50.50, 33.60, -41.29
CIE _{LCh}	50, 53.230, 309.139
Yxy	18.8398, 0.2617, 0.1974
Android (android.graphics.Color)	4287391423 (0xFF8C66BF)
YUV	123.5080, 33.2736, 14.4635
Hunter-Lab	43.4048, 26.7317, -40.1155

Details

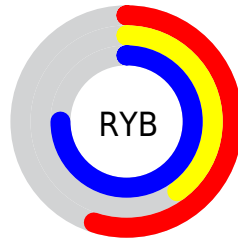
The XYZ color **24.9706, 18.8398, 51.6106** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **34.1663, 44.9936, 19.4549**, and the grayscale version is **18.8900, 19.8737, 21.6425**.

A 20% lighter version of the original color is **51.0046, 41.4906, 94.1272**, and **9.7650, 6.4707, 24.4012** is the 20% darker color. If you saturate the color by 10%, you get **21.5519, 14.6049, 50.9737**, and if you desaturate by 10%, it is **29.0066, 24.0356, 52.4011**.

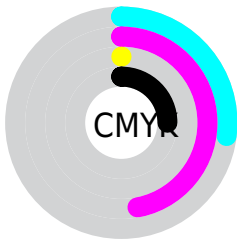
Distribution



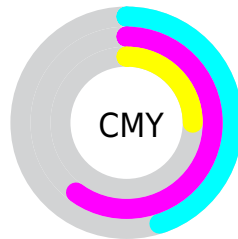
- Red (55%)
- Green (40%)
- Blue (75%)



- Red (55%)
- Yellow (40%)
- Blue (75%)



- Cyan (27%)
- Magenta (47%)
- Yellow (0%)
- Black (25%)



- Cyan (45%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9706, 18.8398, 51.6106 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 24.9706, 18.8398, 51.6106 by changing the saturation by 10% instead.

■ 24.9706, 18.8398,
51.6106

■ 24.9706, 18.8398,
51.6106

270.0418,
245.5629, 409.8455

■ 16.1838, 11.5546,
36.3147

■ 51.0528, 41.4632,
93.9774

■ 9.7460, 6.4412,
24.3857

■ 69.0788, 57.5702,
121.8854

■ 5.2918, 3.1151,
15.4051

■ 90.9153, 77.3866,
154.8345

■ 2.4560, 1.1921,
8.9544

■ 116.9276,
101.2967, 193.2433

■ 0.8731, 0.0553,
4.6151

147.4810,
129.6850, 237.5302

■ 0.0000, 0.0000,
1.9685

182.9410,

■ 0.0000, 0.0000,

162.9359, 288.1139

0.5358

223.6728,
201.4338, 345.4128

■ 0.0000, 0.0000,
0.0000

■ 24.9706, 18.8398,
51.6106

■ 24.9706, 18.8398,
51.6106

■ 21.5519, 14.6049,
50.9737

■ 29.0066, 24.0356,
52.4011

■ 18.7129, 11.2656,
50.4788

■ 33.6902, 30.2472,
53.3532

■ 16.4148, 8.7520,
50.1147

■ 39.0518, 37.5278,
54.4759

■ 14.6121, 6.9818,
49.8681

■ 45.1196, 45.9263,
55.7772

■ 13.2463, 5.8471,
49.7210

■ 51.9197, 55.4886,
57.2645

■ 12.8450, 5.5355,
49.6820

■ 59.4771, 66.2577,
58.9448

■ 67.8153, 78.2746,
60.8248

■ 76.9570, 91.5783,
62.9109

■ 80.5940, 93.5464,
63.0991

Harmonies

Analogous

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



19.5384, 18.8398, 63.6267



24.9706, 18.8398, 51.6106



28.9401, 18.8398, 32.4621

Triad

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



24.9706, 18.8398, 51.6106



21.6992, 18.8398, 3.7229



9.7527, 18.8398, 25.3942

Complementary

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



24.9706, 18.8398, 51.6106



34.1663, 44.9936, 19.4549

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.



10.1086, 18.8398, 11.9286



24.9706, 18.8398, 51.6106



16.3684, 18.8398, 3.2595

Square

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



24.9706, 18.8398, 51.6106



26.8123, 18.8398, 7.2479



12.3190, 18.8398, 5.3752



11.2300, 18.8398, 44.3484

Rectangle

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



24.9706, 18.8398, 51.6106



29.8485, 18.8398, 20.9456



12.3190, 18.8398, 5.3752



9.6693, 18.8398, 20.0871

Sweetspot

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



24.9713, 18.8405, 51.6110



72.4054, 70.5987, 98.0899



26.4259, 29.6707, 53.6248



15.4010, 14.8174, 21.4336



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



24.9713, 18.8405, 51.6110



38.4371, 25.9612, 91.2643



33.8233, 23.4039, 52.0253



9.3923, 9.4191, 11.9952



8.5297, 3.6833, 32.6543



0.4090, 0.1829, 1.2826

Inverse Universe

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



31.9874, 22.8796, 32.8675



53.0317, 34.3795, 51.5348



27.3877, 41.4991, 19.1377



9.7531, 9.6255, 11.0886



15.9911, 8.0276, 10.5128



0.6585, 0.3273, 0.5810

Previews

White Background



This preview shows how the XYZ color 24.9706, 18.8398, 51.6106 looks on a white background.

Color Contrast Check

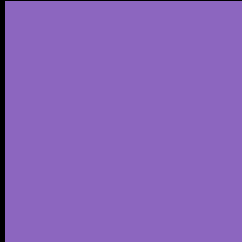
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9706, 18.8398, 51.6106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

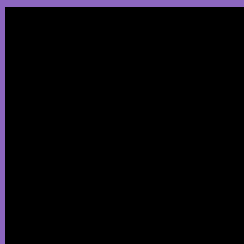
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.9706, 18.8398, 51.6106

Background



This preview shows how black text looks on a background with the XYZ color 24.9706, 18.8398, 51.6106.



This preview shows how white text looks on a background with the XYZ color 24.9706, 18.8398,

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

24.9706, 18.8398, 51.6106

Protanopia

20.9480, 18.9694, 60.3150

Deuteranopia

19.4324, 18.9521, 49.6476



Tritanopia

19.0293, 18.8181, 22.3680

Trichromacy



Original Color

24.9706, 18.8398, 51.6106

Protanomaly

21.9284, 18.7015, 57.0976

Deuteranomaly

20.8079, 18.4444, 50.0404

Tritanomaly

20.8149, 18.6959, 31.3658

Monochromacy



Original Color

24.9706, 18.8398, 51.6106

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.7966, 19.3747, 30.6606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9706, 18.8398, 51.6106 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(140, 102, 191)` looks like.

```
.text, #text, p{  
    color:rgb(140, 102, 191)  
}
```

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(140, 102, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 102, 191) }
```

Border

The CSS property to change the border of an element to XYZ 24.9706, 18.8398, 51.6106 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(140, 102, 191) }
```


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

```
.border{ border-color:rgb(140, 102, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 102, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 102, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 102, 191);  
box-shadow:4px 4px 4px 4px rgb(140, 102,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9706, 18.8398, 51.6106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 102, 191) }
```

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

```
.background{ background-color: rgb(140,  
102, 191) }
```

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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