

Converting Colors

XYZ(24.5601, 18.1573, 40.5297)

Have a look what the booklet for
XYZ(24.5601, 18.1573, 40.5297)
contains.

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Color

**XYZ(24.5743, 18.1651,
40.7391)**

Conversions

Conversions Part 1

Format	Color
Hex	9861AB
RGB	152, 97, 171
RGB Percent	60%, 38%, 67%
CMY	0.4039, 0.6196, 0.3294
CMYK	0.11, 0.43, 0.00, 0.33
HSL	285°, 31%, 53%
HSV	285°, 43%, 67%
XYZ	24.5743, 18.1651, 40.7391
YIQ	121.8810, 9.0260, 34.6740

Conversions

Conversions Part 2

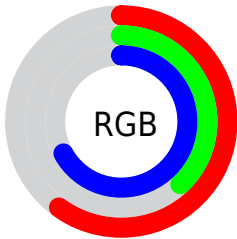
Format	Color
R_{YB}	152, 97, 171
Decimal	9986475
CIE _{Lab}	49.70, 35.36, -30.85
CIE _{LCh}	50, 46.924, 318.898
Yxy	18.1651, 0.2944, 0.2176
Android (android.graphics.Color)	4288176555 (0xFF9861AB)
YUV	121.8810, 24.2157, 26.4144
Hunter-Lab	42.6205, 28.3342, -26.8383

Details

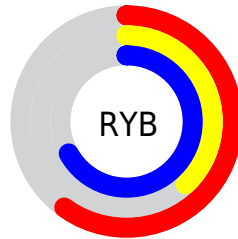
The XYZ color **24.5743, 18.1651, 40.7391** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.9236, 33.7024, 16.5544**, and the grayscale version is **18.3820, 19.3393, 21.0605**.

A 20% lighter version of the original color is **50.3447, 40.3063, 77.7995**, and **9.4726, 6.0746, 17.8128** is the 20% darker color. If you saturate the color by 10%, you get **22.3548, 14.9232, 40.2306**, and if you desaturate by 10%, it is **27.1660, 22.1054, 41.3633**.

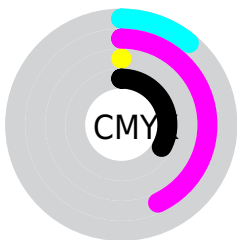
Distribution



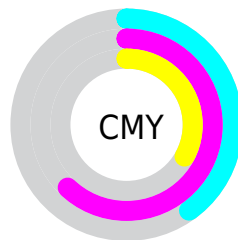
- Red (60%)
- Green (38%)
- Blue (67%)



- Red (60%)
- Yellow (38%)
- Blue (67%)



- Cyan (11%)
- Magenta (43%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (62%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5743, 18.1651, 40.7391 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 24.5743, 18.1651, 40.7391 by changing the saturation by 10% instead.

■ 24.5743, 18.1651,
40.7391

■ 24.5743, 18.1651,
40.7391

268.0982,
241.8000, 364.8733

■ 15.8872, 11.0686,
27.7971

■ 50.4137, 40.3185,
77.5370

■ 9.5347, 6.1130,
17.9351

■ 68.2966, 56.1441,
102.2301

■ 5.1515, 2.9139,
10.7344

■ 89.9756, 75.6482,
131.6772

■ 2.3721, 1.0870,
5.7766

■ 115.8160, 99.2152,
166.2970

■ 0.8312, 0.0000,
2.6432

146.1830,
127.2295, 206.5080

■ 0.0000, 0.0000,
0.9146

181.4422,

■ 0.0000, 0.0000,

160.0755, 252.7286

0.0000

221.9588,
198.1375, 305.3776

■ 24.5743, 18.1651,
40.7391

■ 24.5743, 18.1651,
40.7391

■ 22.3548, 14.9232,
40.2306

■ 27.1660, 22.1054,
41.3633

■ 20.4833, 12.3329,
39.8293

■ 30.1486, 26.7821,
42.1088

■ 18.9353, 10.3455,
39.5273

■ 33.5414, 32.2334,
42.9822

■ 17.6822, 8.9042,
39.3151

■ 37.3622, 38.4939,
43.9892

■ 16.6897, 7.9411,
39.1815

■ 41.6274, 45.5963,
45.1353

■ 16.1174, 7.4597,
39.1188

■ 46.3526, 53.5713,
46.4256

■ 51.5528, 62.4483,
47.8650

■ 57.2420, 72.2550,
49.4580

■ 63.4338, 83.0181,
51.2092

Harmonies

Analogous

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



20.1972, 18.1651, 53.3410



24.5743, 18.1651, 40.7391



27.1316, 18.1651, 24.8997

Triad

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



24.5743, 18.1651, 40.7391



18.9714, 18.1651, 4.1344



10.3515, 18.1651, 28.8562

Complementary

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



24.5743, 18.1651, 40.7391



23.9236, 33.7024, 16.5544

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.



10.1382, 18.1651, 15.4129



24.5743, 18.1651, 40.7391



14.6320, 18.1651, 4.4466

Square

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



24.5743, 18.1651, 40.7391



23.5449, 18.1651, 6.4364



11.5717, 18.1651, 7.6204



12.2152, 18.1651, 44.6857

Rectangle

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



24.5743, 18.1651, 40.7391



27.2092, 18.1651, 16.2150



11.5717, 18.1651, 7.6204



10.0981, 18.1651, 23.8296

Sweetspot

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



24.5749, 18.1659, 40.7395



60.0984, 57.7732, 76.9857



18.6114, 18.1430, 41.0494



13.0953, 12.3864, 17.0883



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.5749, 18.1659, 40.7395



40.1658, 26.9114, 72.0793



26.8804, 19.5323, 32.8094



8.1333, 8.0430, 10.0765



12.2007, 5.6496, 29.4919



0.3863, 0.1814, 0.8226

Inverse Universe

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



24.2223, 18.4690, 18.8120



39.7343, 27.6955, 26.5842



22.5458, 32.8887, 21.1600



8.0865, 8.0478, 8.7663



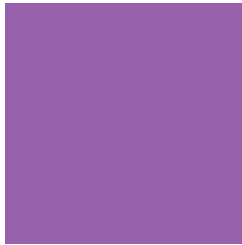
13.0207, 6.6708, 2.4887



0.3845, 0.1945, 0.1865

Previews

White Background



This preview shows how the XYZ color 24.5743, 18.1651, 40.7391 looks on a white background.

Color Contrast Check

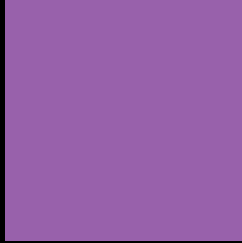
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5743, 18.1651, 40.7391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

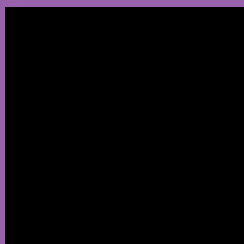
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5743, 18.1651, 40.7391

Background



This preview shows how black text looks on a background with the XYZ color 24.5743, 18.1651, 40.7391.



This preview shows how white text looks on a background with the XYZ color 24.5743, 18.1651,

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

24.5743, 18.1651, 40.7391

Protanopia

19.6287, 18.3539, 49.5218

Deuteranopia

18.7032, 18.2793, 39.1017



Tritanopia

20.1811, 18.1509, 19.2694

Trichromacy



Original Color

24.5743, 18.1651, 40.7391

Protanomaly

20.7486, 17.8509, 46.0681

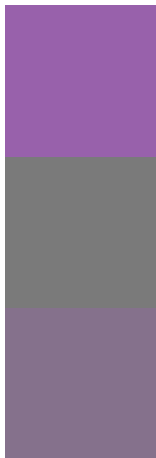
Deuteranomaly

20.3895, 17.9721, 39.4401

Tritanomaly

21.5996, 18.1123, 26.0245

Monochromacy



Original Color

24.5743, 18.1651, 40.7391

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.3116, 18.6902, 27.3480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5743, 18.1651, 40.7391 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(152, 97, 171)` looks like.

```
.text, #text, p{  
    color:rgb(152, 97, 171)  
}
```

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(152, 97, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 97, 171) }
```

Border

The CSS property to change the border of an element to XYZ 24.5743, 18.1651, 40.7391 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(152, 97, 171) }
```


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

```
.border{ border-color:rgb(152, 97, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 97, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 97, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 97, 171);  
box-shadow:4px 4px 4px 4px rgb(152, 97,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5743, 18.1651, 40.7391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 97, 171) }
```

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

```
.background{ background-color: rgb(152, 97,  
171) }
```

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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