

Converting Colors

XYZ(25.2593, 16.0731, 51.6403)

Have a look what the booklet for
XYZ(25.2593, 16.0731, 51.6403)
contains.

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Color

**XYZ(25.2593, 16.0731,
51.6403)**

Conversions

Conversions Part 1

Format	Color
Hex	984FC0
RGB	152, 79, 192
RGB Percent	60%, 31%, 75%
CMY	0.4039, 0.6902, 0.2471
CMYK	0.21, 0.59, 0.00, 0.25
HSL	279°, 47%, 53%
HSV	279°, 59%, 75%
XYZ	25.2593, 16.0731, 51.6403
YIQ	113.7090, 7.2350, 50.6190

Conversions

Conversions Part 2

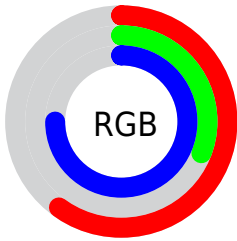
Format	Color
RYB	152, 79, 192
Decimal	9981888
CIELab	47.07, 49.61, -47.23
CIELCh	47, 68.494, 316.408
Yxy	16.0731, 0.2717, 0.1729
Android (android.graphics.Color)	4288171968 (0xFF984FC0)
YUV	113.7090, 38.5975, 33.5812
Hunter-Lab	40.0913, 42.3033, -48.3057

Details

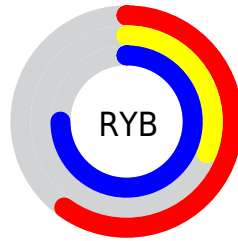
The XYZ color **25.2593, 16.0731, 51.6403** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **27.8690, 42.1861, 14.0715**, and the grayscale version is **15.7945, 16.6171, 18.0960**.

A 20% lighter version of the original color is **51.5097, 36.6275, 93.9775**, and **9.8866, 5.1152, 24.5110** is the 20% darker color. If you saturate the color by 10%, you get **22.8334, 13.0553, 51.1859**, and if you desaturate by 10%, it is **28.1593, 19.9295, 52.2321**.

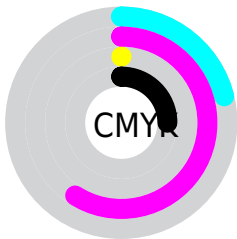
Distribution



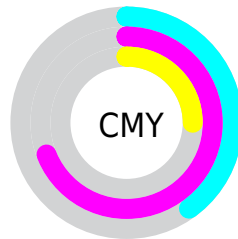
- Red (60%)
- Green (31%)
- Blue (75%)



- Red (60%)
- Yellow (31%)
- Blue (75%)



- Cyan (21%)
- Magenta (59%)
- Yellow (0%)
- Black (25%)



- Cyan (40%)
- Magenta (69%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2593, 16.0731, 51.6403 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 25.2593, 16.0731, 51.6403 by changing the saturation by 10% instead.

■ 25.2593, 16.0731,
51.6403

■ 25.2593, 16.0731,
51.6403

271.4507,
229.7727, 409.9638

■ 16.4001, 9.5759,
36.3382

■ 51.5174, 36.7251,
94.0217

■ 9.9004, 5.1187,
24.4037

■ 69.6471, 51.6486,
121.9381

■ 5.3947, 2.3171,
15.4184

■ 91.5976, 70.1497,
154.8963

■ 2.5178, 0.7827,
8.9637

■ 117.7344, 92.6128,
193.3149

■ 0.9042, 0.0000,
4.6210

■ 148.4227,
119.4223, 237.6124

■ 0.0000, 0.0000,
1.9718

184.0280,

■ 0.0000, 0.0000,

150.9624, 288.2073

0.5379

224.9155,
187.6178, 345.5183

■ 0.0000, 0.0000,
0.0000

■ 25.2593, 16.0731,
51.6403

■ 25.2593, 16.0731,
51.6403

■ 22.8334, 13.0553,
51.1859

■ 28.1593, 19.9295,
52.2321

■ 20.8429, 10.8026,
50.8560

■ 31.5639, 24.6857,
52.9707

■ 19.2454, 9.2314,
50.6370

■ 35.5030, 30.3993,
53.8659

■ 17.9691, 8.1998,
50.5051

■ 40.0036, 37.1226,
54.9264

■ 17.8321, 8.0937,
50.4918

■ 45.0908, 44.9039,
56.1603

■ 50.7877, 53.7883,
57.5749

■ 57.1166, 63.8184,
59.1773

■ 64.0983, 75.0343,
60.9742

■ 71.7527, 87.4744,
62.9719

Harmonies

Analogous

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



18.7765, 16.0731, 72.2530



25.2593, 16.0731, 51.6403



29.4739, 16.0731, 26.4795

Triad

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



25.2593, 16.0731, 51.6403



18.1544, 16.0731, 1.0204



6.6616, 16.0731, 28.6034

Complementary

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



25.2593, 16.0731, 51.6403



27.8690, 42.1861, 14.0715

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.



6.5775, 16.0731, 10.8230



25.2593, 16.0731, 51.6403



12.2418, 16.0731, 1.0849

Square

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



25.2593, 16.0731, 51.6403



24.7022, 16.0731, 2.8143



8.3470, 16.0731, 3.1681



8.6181, 16.0731, 54.0414

Rectangle

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



25.2593, 16.0731, 51.6403



29.8649, 16.0731, 14.0632



8.3470, 16.0731, 3.1681



6.4353, 16.0731, 21.4576

Sweetspot

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



25.2600, 16.0737, 51.6407



72.9757, 68.0079, 99.6409



19.5081, 19.0060, 52.5098



15.1150, 13.7740, 21.2473



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.



25.2600, 16.0737, 51.6407



40.1043, 22.1685, 92.5255



32.4638, 19.9706, 43.7042



10.1402, 10.0634, 12.6928



12.0861, 5.4910, 33.9795



0.5948, 0.2747, 1.4715

Inverse Universe

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



27.8644, 18.1308, 19.4840



46.1291, 26.7585, 25.7574



24.0979, 40.1713, 17.0896



10.2172, 10.1355, 11.2341



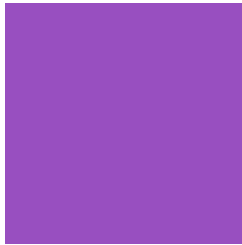
15.3627, 7.8348, 4.5559



0.6968, 0.3517, 0.3705

Previews

White Background



This preview shows how the XYZ color 25.2593, 16.0731, 51.6403 looks on a white background.

Color Contrast Check

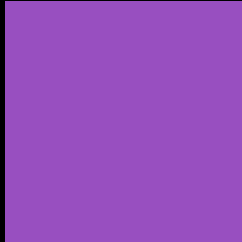
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2593, 16.0731, 51.6403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

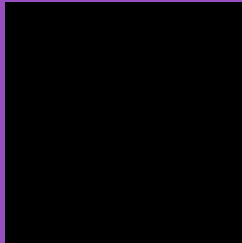
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.2593, 16.0731, 51.6403

Background



This preview shows how black text looks on a background with the XYZ color 25.2593, 16.0731, 51.6403.



This preview shows how white text looks on a background with the XYZ color 25.2593, 16.0731,

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

25.2593, 16.0731, 51.6403

Protanopia

19.2888, 16.3967, 70.5549

Deuteranopia

16.7764, 16.4030, 48.1808



Tritanopia

18.2133, 16.1175, 16.9029

Trichromacy



Original Color

25.2593, 16.0731, 51.6403



Protanomaly

19.3009, 14.9519, 62.8415



Deuteranomaly

18.5547, 15.4250, 49.5763



Tritanomaly

20.2379, 15.8281, 26.7994

Monochromacy



Original Color

25.2593, 16.0731, 51.6403



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

18.4383, 15.8495, 27.6787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2593, 16.0731, 51.6403 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, 79, 192)` looks like.

```
.text, #text, p{  
    color:rgb(152, 79, 192)  
}
```

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, 79, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 79, 192) }
```

Border

The CSS property to change the border of an element to XYZ 25.2593, 16.0731, 51.6403 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, 79, 192) }
```


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

```
.border{ border-color:rgb(152, 79, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 79, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 79, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 79, 192);  
box-shadow:4px 4px 4px 4px rgb(152, 79,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2593, 16.0731, 51.6403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 79, 192) }
```

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

```
.background{ background-color: rgb(152, 79,  
192) }
```

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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