

Converting Colors

XYZ(25.1459, 16.8393, 40.3781)

Have a look what the booklet for
XYZ(25.1459, 16.8393, 40.3781)
contains.

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Color

**XYZ(25.2190, 16.8580,
40.4528)**

Conversions

Conversions Part 1

Format	Color
Hex	A154AB
RGB	161, 84, 171
RGB Percent	63%, 33%, 67%
CMY	0.3686, 0.6706, 0.3294
CMYK	0.06, 0.51, 0.00, 0.33
HSL	293°, 34%, 50%
HSV	293°, 51%, 67%
XYZ	25.2190, 16.8580, 40.4528
YIQ	116.9410, 17.9650, 43.3810

Conversions

Conversions Part 2

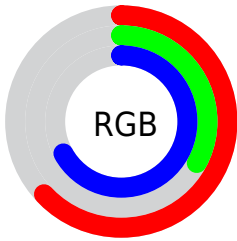
Format	Color
R_{YB}	161, 84, 171
Decimal	10572971
CIE _{Lab}	48.08, 45.08, -33.29
CIE _{LCh}	48, 56.044, 323.553
Yxy	16.8580, 0.3056, 0.2043
Android (android.graphics.Color)	4288763051 (0xFFA154AB)
YUV	116.9410, 26.6511, 38.6397
Hunter-Lab	41.0585, 37.7861, -29.6744

Details

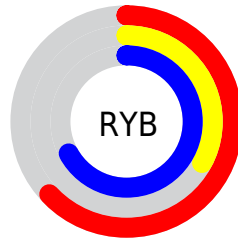
The XYZ color **25.2190, 16.8580, 40.4528** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **20.7797, 32.1460, 13.4978**, and the grayscale version is **16.8071, 17.6824, 19.2561**.

A 20% lighter version of the original color is **51.5827, 38.0598, 77.3006**, and **9.8499, 5.4668, 17.6756** is the 20% darker color. If you saturate the color by 10%, you get **23.6574, 14.3178, 40.0450**, and if you desaturate by 10%, it is **27.1120, 20.0508, 40.9696**.

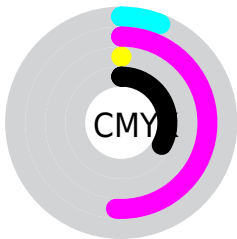
Distribution



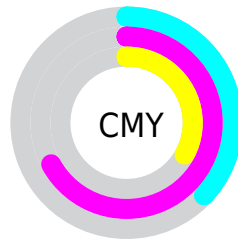
- Red (63%)
- Green (33%)
- Blue (67%)



- Red (63%)
- Yellow (33%)
- Blue (67%)



- Cyan (6%)
- Magenta (51%)
- Yellow (0%)
- Black (33%)





- Cyan (37%)
- Magenta (67%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2190, 16.8580, 40.4528 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 25.2190, 16.8580, 40.4528 by changing the saturation by 10% instead.


 25.2190, 16.8580,
40.4528


 25.2190, 16.8580,
40.4528


271.2544,
234.3527, 363.6371


 16.3699, 10.1333,
27.5753


 51.4526, 38.0815,
77.0971


 9.8788, 5.4874,
17.7695


 69.5678, 53.3490,
101.7011


 5.3803, 2.5360,
10.6169


 91.5025, 72.2330,
131.0509

 2.5091, 0.8946,
5.6989

 117.6219, 95.1178,
165.5651

 0.8999, 0.0000,
2.5971

 148.2914,
122.3877, 205.6623

 0.0000, 0.0000,
0.8910

183.8765,

 0.0000, 0.0000,

154.4273, 251.7610

0.0000

224.7423,
191.6208, 304.2797

■ 25.2190, 16.8580,
40.4528

■ 25.2190, 16.8580,
40.4528

■ 23.6574, 14.3178,
40.0450

■ 27.1120, 20.0508,
40.9696

■ 22.4014, 12.3800,
39.7372

■ 29.3562, 23.9373,
41.6014

■ 21.4242, 10.9906,
39.5205

■ 31.9719, 28.5575,
42.3554

■ 20.6935, 10.0852,
39.3843

■ 34.9774, 33.9479,
43.2374

■ 20.1777, 9.5528,
39.3087

■ 38.3899, 40.1427,
44.2533

■ 42.2252, 47.1738,
45.4083

■ 46.4985, 55.0715,
46.7075

■ 51.2242, 63.8645,
48.1556

■ 56.4161, 73.5803,
49.7573

Harmonies

Analogous

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



20.2451, 16.8580, 57.7136



25.2190, 16.8580, 40.4528



27.8001, 16.8580, 21.6738

Triad

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



25.2190, 16.8580, 40.4528



17.1433, 16.8580, 2.2391



8.6421, 16.8580, 31.9331

Complementary

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



25.2190, 16.8580, 40.4528



20.7797, 32.1460, 13.4978

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.



8.1540, 16.8580, 15.3945



25.2190, 16.8580, 40.4528



12.4330, 16.8580, 2.8108

Square

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



25.2190, 16.8580, 40.4528



22.5438, 16.8580, 3.8074



9.3882, 16.8580, 6.2596



10.8992, 16.8580, 51.2408

Rectangle

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



25.2190, 16.8580, 40.4528



27.4981, 16.8580, 12.5567



9.3882, 16.8580, 6.2596



8.2886, 16.8580, 25.7106

Sweetspot

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



25.2196, 16.8587, 40.4532



60.1915, 56.3868, 76.7132



15.0236, 12.8580, 40.2183



13.1786, 12.1365, 17.0357



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.



25.2196, 16.8587, 40.4532



42.0702, 25.1693, 71.6427



24.5276, 16.8241, 25.8674



8.2451, 8.1007, 10.0817



15.2392, 7.2160, 29.6341



0.4490, 0.2137, 0.8256

Inverse Universe

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



21.9858, 15.8074, 12.4826



35.8499, 23.2059, 15.1796



21.4511, 32.3036, 22.0431



8.0413, 8.0298, 8.5283



12.7641, 6.5682, 1.1374



0.3667, 0.1873, 0.0926

Previews

White Background



This preview shows how the XYZ color 25.2190, 16.8580, 40.4528 looks on a white background.

Color Contrast Check

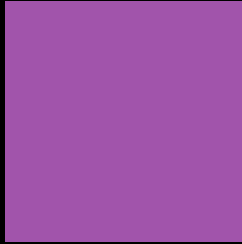
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2190, 16.8580, 40.4528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

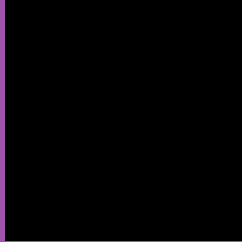
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.2190, 16.8580, 40.4528

Background



This preview shows how black text looks on a background with the XYZ color 25.2190, 16.8580, 40.4528.



This preview shows how white text looks on a background with the XYZ color 25.2190, 16.8580,

40.4528.

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

25.2190, 16.8580, 40.4528

Protanopia

18.8999, 17.1936, 54.5471

Deuteranopia

17.5163, 17.1675, 38.4668



Tritanopia

20.3479, 16.9482, 16.1088

Trichromacy



Original Color

25.2190, 16.8580, 40.4528

Protanomaly

19.9054, 16.2787, 49.1067

Deuteranomaly

19.3893, 16.3792, 39.1854

Tritanomaly

21.7423, 16.6850, 23.1937

Monochromacy



Original Color

25.2190, 16.8580, 40.4528

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.2398, 16.8958, 25.9141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2190, 16.8580, 40.4528 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(161, 84, 171)` looks like.

```
.text, #text, p{  
    color:rgb(161, 84, 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(161, 84, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 84, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.2190, 16.8580, 40.4528 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(161, 84, 171) }
```


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

```
.border{ border-color:rgb(161, 84, 171) }
```

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

Here you see how a box with a 4 pixel rgb(161, 84, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 84, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 84, 171);  
box-shadow:4px 4px 4px 4px rgb(161, 84,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2190, 16.8580, 40.4528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 84, 171) }
```

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

```
.background{ background-color: rgb(161, 84,  
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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