

Converting Colors

XYZ(25.4661, 24.5698, 39.0569)

Have a look what the booklet for
XYZ(25.4661, 24.5698, 39.0569)
contains.

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Color

**XYZ(25.5240, 24.6224,
39.0046)**

Conversions

Conversions Part 1

Format	Color
Hex	8A84A5
RGB	138, 132, 165
RGB Percent	54%, 52%, 65%
CMY	0.4588, 0.4823, 0.3529
CMYK	0.16, 0.20, 0.00, 0.35
HSL	251°, 15%, 58%
HSV	251°, 20%, 65%
XYZ	25.5240, 24.6224, 39.0046
YIQ	137.5560, -7.0170, 11.5350

Conversions

Conversions Part 2

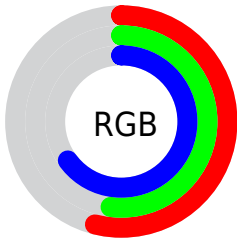
Format	Color
R_{YB}	138, 132, 165
Decimal	9077925
CIE Lab	56.71, 9.20, -16.69
CIE LCh	57, 19.053, 298.858
Yxy	24.6224, 0.2863, 0.2762
Android (android.graphics.Color)	4287268005 (0xFF8A84A5)
YUV	137.5560, 13.5299, 0.3894
Hunter-Lab	49.6210, 4.9800, -11.8703

Details

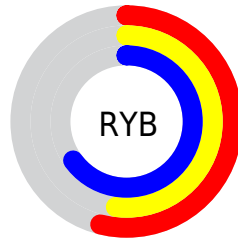
The XYZ color **25.5240, 24.6224, 39.0046** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **31.9189, 35.9477, 27.0872**, and the grayscale version is **23.9413, 25.1881, 27.4298**.

A 20% lighter version of the original color is **52.0055, 51.0717, 74.8270**, and **10.0984, 9.4535, 16.9152** is the 20% darker color. If you saturate the color by 10%, you get **21.3646, 19.4157, 38.2192**, and if you desaturate by 10%, it is **30.3165, 30.6821, 39.9220**.

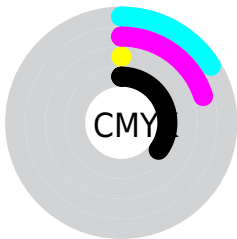
Distribution



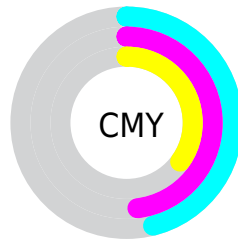
- Red (54%)
- Green (52%)
- Blue (65%)



- Red (54%)
- Yellow (52%)
- Blue (65%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)
- Black (35%)



- Cyan (46%)
- Magenta (48%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5240, 24.6224, 39.0046 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 25.5240, 24.6224, 39.0046 by changing the saturation by 10% instead.

■ 25.5240, 24.6224,
39.0046

■ 25.5240, 24.6224,
39.0046

272.7373,
275.9522, 357.3366

■ 16.5987, 15.7960,
26.4554

■ 51.9428, 51.0440,
74.8658

■ 10.0423, 9.3799,
16.9359

■ 70.1671, 69.4079,
99.0149

■ 5.4895, 4.9898,
10.0273

■ 92.2217, 91.7198,
127.8677

■ 2.5749, 2.2413,
5.3112

118.4719,
118.3640, 161.8428

■ 0.9332, 0.7424,
2.3691

149.2833,
149.7250, 201.3587

■ 0.0000, 0.0000,
0.7695

185.0211,

■ 0.0000, 0.0000,

186.1870, 246.8339

0.0000

226.0506,
228.1347, 298.6870

■ 25.5240, 24.6224,
39.0046

■ 25.5240, 24.6224,
39.0046

■ 21.3646, 19.4157,
38.2192

■ 30.3165, 30.6821,
39.9220

■ 17.8093, 15.0204,
37.5582

■ 35.7650, 37.6277,
40.9755

■ 14.8301, 11.3963,
37.0157

■ 41.8938, 45.4941,
42.1709

■ 12.3960, 8.4982,
36.5846

■ 48.7257, 54.3134,
43.5131

■ 10.4729, 6.2763,
36.2571

■ 56.2821, 64.1160,
45.0069

■ 9.0227, 4.6743,
36.0243

■ 64.5835, 74.9313,
46.6569

■ 8.0017, 3.6267,
35.8759

■ 73.6498, 86.7872,
48.4675

■ 7.3269, 2.9927,
35.7891

■ 80.5599, 93.8307,
49.4628

■ 7.3269, 2.9926,
35.7891

■ 83.7916, 95.4966,
49.6141

Harmonies

Analogous

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



23.3179, 24.6224, 40.9831



25.5240, 24.6224, 39.0046



27.2496, 24.6224, 33.6417

Triad

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



25.5240, 24.6224, 39.0046



25.6805, 24.6224, 17.6489



19.3894, 24.6224, 26.5666

Complementary

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



25.5240, 24.6224, 39.0046



31.9189, 35.9477, 27.0872

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.



19.9363, 24.6224, 20.9714



25.5240, 24.6224, 39.0046



23.4881, 24.6224, 16.3507

Square

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



25.5240, 24.6224, 39.0046



27.3439, 24.6224, 21.3318



21.4026, 24.6224, 17.4651



19.8600, 24.6224, 33.1530

Rectangle

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



25.5240, 24.6224, 39.0046



27.8456, 24.6224, 29.2420



21.4026, 24.6224, 17.4651



19.4597, 24.6224, 24.5160

Sweetspot

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



25.5248, 24.6234, 39.0052



57.9464, 59.5938, 72.2010



28.7923, 32.5914, 40.3709



12.5413, 12.8667, 15.7600



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.



25.5248, 24.6234, 39.0052



42.2668, 39.7720, 69.2014



28.3700, 26.0902, 39.1383



6.8150, 6.9190, 8.8794



5.5747, 2.2804, 27.0761



0.1486, 0.0641, 0.5704

Inverse Universe

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



30.0271, 27.0061, 36.4320



51.8522, 44.8476, 63.5893



28.9484, 34.4164, 26.9482



7.3088, 7.1800, 8.6127



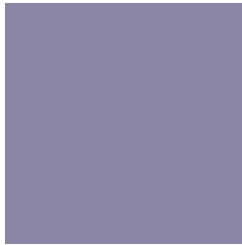
15.0643, 7.3818, 18.0609



0.3301, 0.1605, 0.4509

Previews

White Background



This preview shows how the XYZ color 25.5240, 24.6224, 39.0046 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 25.5240, 24.6224, 39.0046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

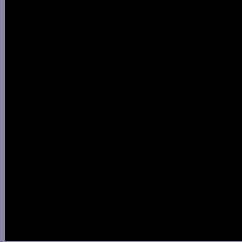
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5240, 24.6224, 39.0046

Background



This preview shows how black text looks on a background with the XYZ color 25.5240, 24.6224, 39.0046.



This preview shows how white text looks on a background with the XYZ color 25.5240, 24.6224,

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

25.5240, 24.6224, 39.0046

Protanopia

24.6923, 24.7851, 40.0418

Deuteranopia

25.1707, 24.6426, 39.0272



Tritanopia

23.8440, 24.5542, 30.6768

Trichromacy



Original Color

25.5240, 24.6224, 39.0046

Protanomaly

24.9238, 24.7089, 39.5321

Deuteranomaly

25.3324, 24.7259, 39.0347

Tritanomaly

24.4282, 24.5843, 33.5947

Monochromacy



Original Color

25.5240, 24.6224, 39.0046

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.6307, 25.1497, 31.5732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5240, 24.6224, 39.0046 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(138, 132, 165)` looks like.

```
.text, #text, p{  
    color:rgb(138, 132, 165)  
}
```

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(138, 132, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 132, 165) }
```

Border

The CSS property to change the border of an element to XYZ 25.5240, 24.6224, 39.0046 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(138, 132, 165) }
```


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

```
.border{ border-color:rgb(138, 132, 165) }
```

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

Here you see how a box with a 4 pixel rgb(138, 132, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 132, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 132, 165);  
box-shadow:4px 4px 4px 4px rgb(138, 132,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5240, 24.6224, 39.0046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 132, 165) }
```

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

```
.background{ background-color: rgb(138,  
132, 165) }
```

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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