

Converting Colors

XYZ(25.3955, 13.0597, 49.3264)

Have a look what the booklet for
XYZ(25.3955, 13.0597, 49.3264)
contains.

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Color

**XYZ(25.3955, 13.0597,
49.3264)**

Conversions

Conversions Part 1

Format	Color
Hex	A526BD
RGB	165, 38, 189
RGB Percent	65%, 15%, 74%
CMY	0.3529, 0.8510, 0.2588
CMYK	0.13, 0.80, 0.00, 0.26
HSL	290°, 67%, 45%
HSV	290°, 80%, 74%
XYZ	25.3955, 13.0597, 49.3264
YIQ	93.1870, 27.2210, 73.8850

Conversions

Conversions Part 2

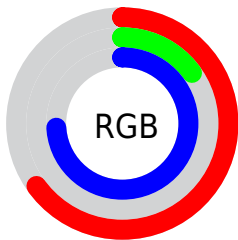
Format	Color
R_{YB}	165, 38, 189
Decimal	10823357
CIE _{Lab}	42.85, 68.36, -52.13
CIE _{LCh}	43, 85.973, 322.671
Yxy	13.0597, 0.2893, 0.1488
Android (android.graphics.Color)	4289013437 (0xFFA526BD)
YUV	93.1870, 47.2358, 62.9800
Hunter-Lab	36.1382, 62.1959, -55.6304

Details

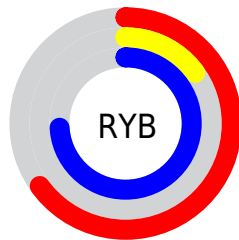
The XYZ color **25.3955, 13.0597, 49.3264** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **20.5345, 37.5596, 8.0016**, and the grayscale version is **10.3377, 10.8761, 11.8440**.

A 20% lighter version of the original color is **51.8369, 31.4248, 90.5223**, and **10.5575, 4.9374, 23.3182** is the 20% darker color. If you saturate the color by 10%, you get **24.3199, 11.8246, 49.1449**, and if you desaturate by 10%, it is **26.7935, 14.9165, 49.6113**.

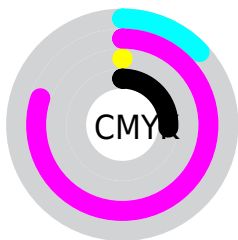
Distribution



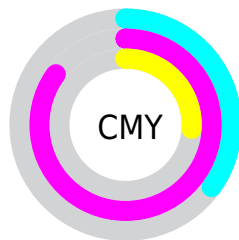
- Red (65%)
- Green (15%)
- Blue (74%)



- Red (65%)
- Yellow (15%)
- Blue (74%)



- Cyan (13%)
- Magenta (80%)
- Yellow (0%)
- Black (26%)





- Cyan (35%)
- Magenta (85%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3955, 13.0597, 49.3264 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 25.3955, 13.0597, 49.3264 by changing the saturation by 10% instead.


 25.3955, 13.0597,
49.3264


 25.3955, 13.0597,
49.3264


272.1133,
211.2999, 400.6852


 16.5023, 7.4697,
34.5110

 51.7364, 31.4110,
90.5620


 9.9734, 3.7575,
23.0059


 69.9148, 44.9410,
117.8194

 5.4434, 1.5389,
14.3926


 91.9189, 61.8866,
150.0612

 2.5471, 0.3159,
8.2523

 118.1141, 82.6319,
187.7059

 0.9191, 0.0000,
4.1668

 148.8658,
107.5616, 231.1721

 0.0000, 0.0000,
1.7173

 184.5394,

 0.0000, 0.0000,

137.0599, 280.8784

0.3725

225.5001,
171.5112, 337.2433

■ 0.0000, 0.0000,
0.0000

■ 25.3955, 13.0597,
49.3264

■ 25.3955, 13.0597,
49.3264

■ 24.3199, 11.8246,
49.1449

■ 26.7935, 14.9165,
49.6113

■ 23.4845, 11.0489,
49.0392

■ 28.5531, 17.4753,
50.0125

■ 23.4758, 11.0411,
49.0382

■ 30.7097, 20.8059,
50.5417

■ 33.2937, 24.9692,
51.2091

■ 36.3327, 30.0200,
52.0238

■ 39.8518, 36.0086,
52.9943

■ 43.8742, 42.9811,
54.1281

■ 48.4217, 50.9810,
55.4325

■ 53.5146, 60.0488,
56.9144

Harmonies

Analogous

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



17.9403, 13.0597, 80.4401



25.3955, 13.0597, 49.3264



29.6092, 13.0597, 19.3470

Triad

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



25.3955, 13.0597, 49.3264



14.0934, 13.0597, 0.0000



4.0297, 13.0597, 33.1957

Complementary

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



25.3955, 13.0597, 49.3264



20.5345, 37.5596, 8.0016

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.



3.6317, 13.0597, 10.0894



25.3955, 13.0597, 49.3264



8.1562, 13.0597, 0.0000

Square

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



25.3955, 13.0597, 49.3264



21.7463, 13.0597, 0.3861



4.8390, 13.0597, 1.6346



6.2249, 13.0597, 66.6715

Rectangle

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



25.3955, 13.0597, 49.3264



29.2460, 13.0597, 7.6738



4.8390, 13.0597, 1.6346



3.7224, 13.0597, 23.7127

Sweetspot

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



25.3961, 13.0603, 49.3267



68.4337, 59.4593, 94.0962



11.7719, 7.6603, 49.0025



14.2418, 11.9811, 20.1045



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.3961, 13.0603, 49.3267



42.4149, 20.1231, 87.8748



26.3157, 14.0599, 25.6262



9.7770, 9.6174, 12.0133



15.8486, 7.4564, 32.9968



0.6614, 0.3130, 1.2944

Inverse Universe

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



22.5493, 12.5533, 5.7926



38.2087, 19.7955, 4.5116



20.7727, 37.5177, 15.4527



9.5904, 9.5604, 10.2318



14.2971, 7.3500, 1.5921



0.5797, 0.2958, 0.1662

Previews

White Background



This preview shows how the XYZ color 25.3955, 13.0597, 49.3264 looks on a white background.

Color Contrast Check

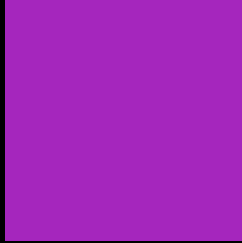
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3955, 13.0597, 49.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

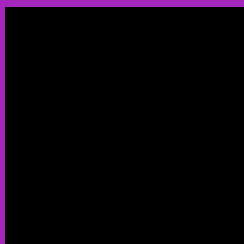
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.3955, 13.0597, 49.3264

Background



This preview shows how black text looks on a background with the XYZ color 25.3955, 13.0597, 49.3264.



This preview shows how white text looks on a background with the XYZ color 25.3955, 13.0597,

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

25.3955, 13.0597, 49.3264

Protanopia

15.7528, 13.2894, 61.4094

Deuteranopia

13.7499, 13.3485, 44.4996



Tritanopia

17.4973, 13.0846, 10.4075

Trichromacy



Original Color

25.3955, 13.0597, 49.3264



Protanomaly

14.9905, 10.3466, 56.4653



Deuteranomaly

14.9994, 10.8957, 46.1123



Tritanomaly

19.3701, 12.3788, 20.1073

Monochromacy



Original Color

25.3955, 13.0597, 49.3264



Achromatopsia

10.4043, 10.9462, 11.9204



Achromatomaly

13.8866, 10.2455, 21.6678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3955, 13.0597, 49.3264 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(165, 38, 189)` looks like.

```
.text, #text, p{  
    color:rgb(165, 38, 189)  
}
```

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(165, 38, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 38, 189) }
```

Border

The CSS property to change the border of an element to XYZ 25.3955, 13.0597, 49.3264 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(165, 38, 189) }
```


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

```
.border{ border-color:rgb(165, 38, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 38, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 38, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 38, 189);  
box-shadow:4px 4px 4px 4px rgb(165, 38,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3955, 13.0597, 49.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 38, 189) }
```

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

```
.background{ background-color: rgb(165, 38,  
189) }
```

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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