

Converting Colors

XYZ(25.8231, 13.2978, 33.5817)

Have a look what the booklet for
XYZ(25.8231, 13.2978, 33.5817)
contains.

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Color

**XYZ(25.9272, 13.3423,
33.5565)**

Conversions

Conversions Part 1

Format	Color
Hex	B61E9E
RGB	182, 30, 158
RGB Percent	71%, 12%, 62%
CMY	0.2863, 0.8823, 0.3804
CMYK	0.00, 0.84, 0.13, 0.29
HSL	309°, 72%, 42%
HSV	309°, 84%, 71%
XYZ	25.9272, 13.3423, 33.5565
YIQ	90.0400, 49.5040, 72.0320

Conversions

Conversions Part 2

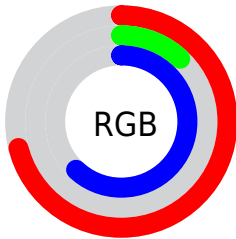
Format	Color
R_{YB}	182, 30, 158
Decimal	11935390
CIE _{Lab}	43.27, 68.78, -32.90
CIE _{LCh}	43, 76.240, 334.438
Yxy	13.3423, 0.3560, 0.1832
Android (android.graphics.Color)	4290125470 (0xFFB61E9E)
YUV	90.0400, 33.5043, 80.6489
Hunter-Lab	36.5271, 62.7781, -28.8992

Details

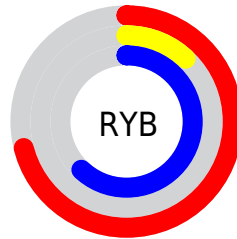
The XYZ color **25.9272, 13.3423, 33.5565** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **17.9300, 33.9988, 9.1091**, and the grayscale version is **9.6482, 10.1507, 11.0541**.

A 20% lighter version of the original color is **52.4687, 31.8706, 66.3370**, and **11.0590, 5.4006, 14.0952** is the 20% darker color. If you saturate the color by 10%, you get **25.3477, 12.5744, 32.1571**, and if you desaturate by 10%, it is **26.7791, 14.6453, 35.0755**.

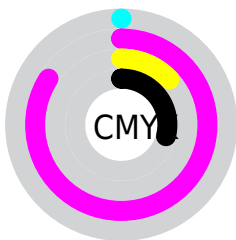
Distribution



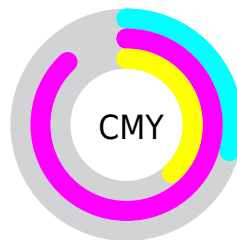
- Red (71%)
- Green (12%)
- Blue (62%)



- Red (71%)
- Yellow (12%)
- Blue (62%)



- Cyan (0%)
- Magenta (84%)
- Yellow (13%)
- Black (29%)





- Cyan (29%)
- Magenta (88%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9272, 13.3423, 33.5565 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 25.9272, 13.3423, 33.5565 by changing the saturation by 10% instead.


 25.9272, 13.3423,
33.5565


 25.9272, 13.3423,
33.5565


274.6878,
213.0999, 332.8585

 16.9016, 7.6647,
22.2785


 52.5896, 31.9174,
66.3694


 10.2592, 3.8811,
13.8614


 70.9571, 45.5836,
88.7414


 5.6347, 1.6073,
7.8867


 93.1693, 62.6816,
115.6484

 2.6628, 0.3625,
3.9358

 119.5915, 83.5955,
147.5090

 0.9781, 0.0000,
1.5902

 150.5891,
108.7100, 184.7418

 0.0000, 0.0000,
0.2838

 186.5275,

 0.0000, 0.0000,

138.4092, 227.7653

0.0000

227.7719,
173.0778, 276.9980

■ 25.9272, 13.3423,
33.5565

■ 25.9272, 13.3423,
33.5565

■ 25.3477, 12.5744,
32.1571

■ 26.7791, 14.6453,
35.0755

■ 25.0629, 12.2537,
31.2943

■ 27.9420, 16.5612,
36.7267

■ 29.4498, 19.1574,
38.5219

■ 31.3313, 22.4917,
40.4707

■ 33.6125, 26.6159,
42.5821

■ 36.3169, 31.5769,
44.8640

■ 39.4662, 37.4182,
47.3239

■ 43.0808, 44.1802,
49.9687

■ 47.1794, 51.9007,
52.8049

Harmonies

Analogous

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



20.2459, 13.3423, 61.2235



25.9272, 13.3423, 33.5565



27.7013, 13.3423, 12.1539

Triad

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



25.9272, 13.3423, 33.5565



11.8231, 13.3423, 0.0000



5.4338, 13.3423, 41.7620

Complementary

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



25.9272, 13.3423, 33.5565



17.9300, 33.9988, 9.1091

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.



4.3963, 13.3423, 17.1916



25.9272, 13.3423, 33.5565



7.2838, 13.3423, 0.8203

Square

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



25.9272, 13.3423, 33.5565



18.2377, 13.3423, 0.4078



4.9496, 13.3423, 4.5299



8.3867, 13.3423, 68.0255

Rectangle

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



25.9272, 13.3423, 33.5565



26.0790, 13.3423, 4.8008



4.9496, 13.3423, 4.5299



4.8995, 13.3423, 32.5571

Sweetspot

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



25.9277, 13.3430, 33.5567



64.8424, 55.4061, 80.5214



10.3664, 5.0584, 44.6862



13.9342, 11.5255, 17.4613



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.9277, 13.3430, 33.5567



45.3657, 22.1866, 56.3524



21.3255, 11.5021, 9.3220



9.3184, 9.1377, 11.0239



17.7192, 8.6615, 22.2061



0.6412, 0.3120, 0.8700

Inverse Universe

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



25.9277, 13.3430, 33.5567



45.3657, 22.1866, 56.3524



21.2133, 35.3121, 26.3988



9.3184, 9.1377, 11.0239



17.7192, 8.6615, 22.2061



0.6412, 0.3120, 0.8700

Previews

White Background



This preview shows how the XYZ color 25.9272, 13.3423, 33.5565 looks on a white background.

Color Contrast Check

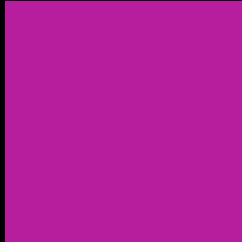
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9272, 13.3423, 33.5565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

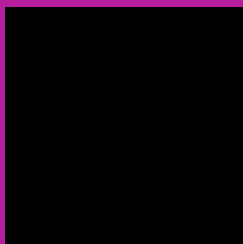
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.9272, 13.3423, 33.5565

Background



This preview shows how black text looks on a background with the XYZ color 25.9272, 13.3423, 33.5565.



This preview shows how white text looks on a background with the XYZ color 25.9272, 13.3423,

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

25.9272, 13.3423, 33.5565

Protanopia

16.4408, 13.8678, 64.0976

Deuteranopia

14.0139, 13.6511, 30.3301



Tritanopia

20.6000, 13.4679, 7.4751

Trichromacy



Original Color

25.9272, 13.3423, 33.5565



Protanomaly

14.2773, 9.9962, 51.0461



Deuteranomaly

16.1371, 11.5008, 31.0751



Tritanomaly

21.8988, 12.9647, 14.1802

Monochromacy



Original Color

25.9272, 13.3423, 33.5565



Achromatopsia

9.7181, 10.2242, 11.1341



Achromatomaly

13.3300, 9.5830, 17.3668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9272, 13.3423, 33.5565 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(182, 30, 158)` looks like.

```
.text, #text, p{  
    color:rgb(182, 30, 158)  
}
```

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(182, 30, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 30, 158) }
```

Border

The CSS property to change the border of an element to XYZ 25.9272, 13.3423, 33.5565 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(182, 30, 158) }
```


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

```
.border{ border-color:rgb(182, 30, 158) }
```

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

Here you see how a box with a 4 pixel rgb(182, 30, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 30, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 30, 158);  
box-shadow:4px 4px 4px 4px rgb(182, 30,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9272, 13.3423, 33.5565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 30, 158) }
```

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

```
.background{ background-color: rgb(182, 30,  
158) }
```

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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