

Converting Colors

XYZ(25.9416, 12.2017, 61.3082)

Have a look what the booklet for
XYZ(25.9416, 12.2017, 61.3082)
contains.

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Color

**XYZ(25.9152, 12.1915,
61.3089)**

Conversions

Conversions Part 1

Format	Color
Hex	9F0AD1
RGB	159, 10, 209
RGB Percent	62%, 4%, 82%
CMY	0.3765, 0.9607, 0.1804
CMYK	0.24, 0.95, 0.00, 0.18
HSL	285°, 91%, 43%
HSV	285°, 95%, 82%
XYZ	25.9152, 12.1915, 61.3089
YIQ	77.2370, 24.9250, 93.4770

Conversions

Conversions Part 2

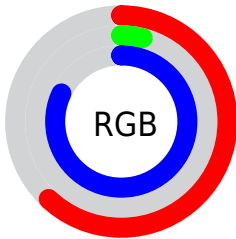
Format	Color
RYB	159, 10, 209
Decimal	10422993
CIELab	41.52, 76.30, -65.98
CIELCh	42, 100.869, 319.146
Yxy	12.1915, 0.2607, 0.1226
Android (android.graphics.Color)	4288613073 (0xFF9F0AD1)
YUV	77.2370, 64.9592, 71.7062
Hunter-Lab	34.9163, 71.3807, -79.6647

Details

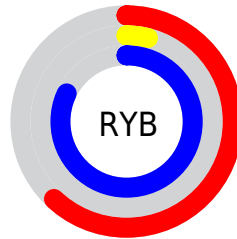
The XYZ color **25.9152, 12.1915, 61.3089** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **24.7195, 46.5840, 7.9763**, and the grayscale version is **6.9794, 7.3429, 7.9964**.

A 20% lighter version of the original color is **50.6716, 29.0965, 97.5532**, and **11.1166, 5.0666, 30.5290** is the 20% darker color. If you saturate the color by 10%, you get **25.3133, 11.7200, 61.2498**, and if you desaturate by 10%, it is **27.3586, 13.4984, 61.4853**.

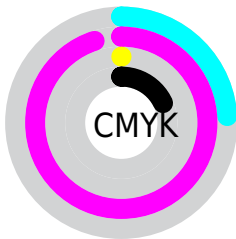
Distribution



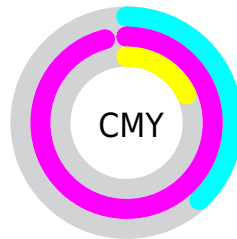
- Red (62%)
- Green (4%)
- Blue (82%)



- Red (62%)
- Yellow (4%)
- Blue (82%)



- Cyan (24%)
- Magenta (95%)
- Yellow (0%)
- Black (18%)



- Cyan (38%)
- Magenta (96%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9152, 12.1915, 61.3089 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 25.9152, 12.1915, 61.3089 by changing the saturation by 10% instead.

■ 25.9152, 12.1915,
61.3089

■ 25.9152, 12.1915,
61.3089

274.6299,
205.6690, 447.3436

■ 16.8926, 6.8742,
44.0423

■ 52.5704, 29.8434,
108.2880

■ 10.2527, 3.3836,
30.3664

■ 70.9336, 42.9468,
138.8375

■ 5.6304, 1.3351,
19.8624

■ 93.1412, 59.4144,
174.6518

■ 2.6602, 0.1681,
12.1120

■ 119.5583, 79.6306,
216.1495

■ 0.9767, 0.0000,
6.6965

■ 150.5503,
103.9798, 263.7489

■ 0.0000, 0.0000,
3.1975

■ 186.4827,

■ 0.0000, 0.0000,

132.8463, 317.8687

1.1963

227.7208,
166.6146, 378.9274

■ 0.0000, 0.0000,
0.0000

■ 25.9152, 12.1915,
61.3089

■ 25.9152, 12.1915,
61.3089

■ 25.3133, 11.7200,
61.2498

■ 27.3586, 13.4984,
61.4853

■ 29.1990, 15.5337,
61.7812

■ 31.4969, 18.4166,
62.2165

■ 34.3012, 22.2443,
62.8075

■ 37.6541, 27.1006,
63.5682

■ 41.5932, 33.0597,
64.5108

■ 46.1527, 40.1893,
65.6466

■ 51.3638, 48.5511,
66.9860

■ 57.2556, 58.2028,
68.5384

Harmonies

Analogous

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



16.8729, 12.1915, 100.0833



25.9152, 12.1915, 61.3089



31.7675, 12.1915, 22.4560

Triad

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



25.9152, 12.1915, 61.3089



14.4602, 12.1915, 0.0000



2.7040, 12.1915, 31.4841

Complementary

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



25.9152, 12.1915, 61.3089



24.7195, 46.5840, 7.9763

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.



2.5083, 12.1915, 7.0147



25.9152, 12.1915, 61.3089



7.5404, 12.1915, 0.0000

Square

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



25.9152, 12.1915, 61.3089



23.5199, 12.1915, 0.0000



3.8443, 12.1915, 0.3917



4.5798, 12.1915, 73.5273

Rectangle

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



25.9152, 12.1915, 61.3089



31.9111, 12.1915, 7.8208



3.8443, 12.1915, 0.3917



2.4820, 12.1915, 20.8100

Sweetspot

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



25.9158, 12.1920, 61.3092



69.3155, 58.1928, 102.1868



13.4157, 8.2315, 61.2036



14.1879, 11.4455, 21.7114



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



25.9158, 12.1920, 61.3092



39.5178, 18.2870, 96.0547



32.9756, 16.4017, 35.8764



12.0087, 11.8533, 14.8986



15.7019, 7.2749, 37.7691



0.9483, 0.4430, 2.1151

Inverse Universe

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



27.2192, 14.0991, 5.5632



42.1675, 21.6310, 6.8140



23.6506, 45.9556, 11.4222



11.9289, 11.8563, 12.9012



16.6355, 8.5270, 2.9867



0.9627, 0.4898, 0.3382

Previews

White Background



This preview shows how the XYZ color 25.9152, 12.1915, 61.3089 looks on a white background.

Color Contrast Check

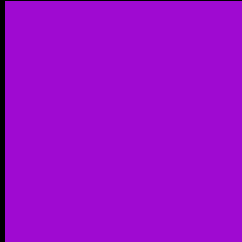
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9152, 12.1915, 61.3089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

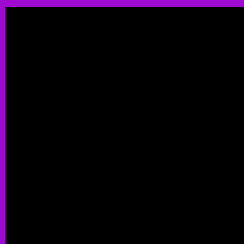
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.9152, 12.1915, 61.3089

Background



This preview shows how black text looks on a background with the XYZ color 25.9152, 12.1915, 61.3089.



This preview shows how white text looks on a background with the XYZ color 25.9152, 12.1915,

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

25.9152, 12.1915, 61.3089

Protanopia

14.8435, 12.6300, 57.5326

Deuteranopia

12.5878, 12.6373, 42.8501



Tritanopia

15.7633, 12.4019, 10.7955

Trichromacy



Original Color

25.9152, 12.1915, 61.3089

Protanomaly

14.6547, 9.0879, 58.7394

Deuteranomaly

12.9501, 8.7866, 48.5904

Tritanomaly

17.7918, 10.7902, 22.9748

Monochromacy



Original Color

25.9152, 12.1915, 61.3089

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

11.0382, 7.1527, 20.2009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9152, 12.1915, 61.3089 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(159, 10, 209)` looks like.

```
.text, #text, p{  
    color:rgb(159, 10, 209)  
}
```

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(159, 10, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 10, 209) }
```

Border

The CSS property to change the border of an element to XYZ 25.9152, 12.1915, 61.3089 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(159, 10, 209) }
```


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

```
.border{ border-color:rgb(159, 10, 209) }
```

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

Here you see how a box with a 4 pixel rgb(159, 10, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 10, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 10, 209);  
box-shadow:4px 4px 4px 4px rgb(159, 10,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9152, 12.1915, 61.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 10, 209) }
```

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

```
.background{ background-color: rgb(159, 10,  
209) }
```

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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