

Converting Colors

XYZ(25.4853, 11.8073, 61.3223)

Have a look what the booklet for
XYZ(25.4853, 11.8073, 61.3223)
contains.

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Color

**XYZ(25.4133, 11.7715,
61.2543)**

Conversions

Conversions Part 1

Format	Color
Hex	9D00D1
RGB	157, 0, 209
RGB Percent	62%, 0%, 82%
CMY	0.3843, 1.0000, 0.1804
CMYK	0.25, 1.00, 0.00, 0.18
HSL	285°, 100%, 41%
HSV	285°, 100%, 82%
XYZ	25.4133, 11.7715, 61.2543
YIQ	70.7690, 26.4830, 98.2830

Conversions

Conversions Part 2

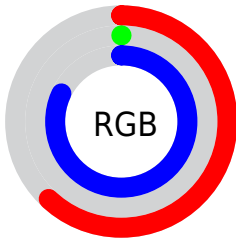
Format	Color
R_{YB}	157, 0, 209
Decimal	10289361
CIE _{Lab}	40.85, 77.07, -67.08
CIE _{LCh}	41, 102.176, 318.962
Yxy	11.7715, 0.2582, 0.1196
Android (android.graphics.Color)	4288479441 (0xFF9D00D1)
YUV	70.7690, 68.1479, 75.6246
Hunter-Lab	34.3096, 72.1740, -81.8360

Details

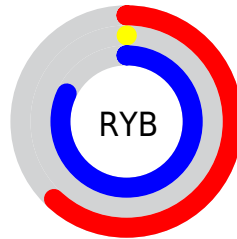
The XYZ color **25.4133, 11.7715, 61.2543** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **24.2167, 46.3312, 7.6665**, and the grayscale version is **5.8369, 6.1408, 6.6874**.

A 20% lighter version of the original color is **49.8356, 28.3124, 97.4459**, and **10.7868, 4.8966, 30.5136** is the 20% darker color. If you saturate the color by 10%, you get **25.4137, 11.7718, 61.2546**, and if you desaturate by 10%, it is **26.7166, 12.8389, 61.3919**.

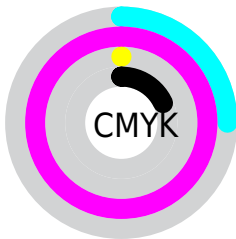
Distribution



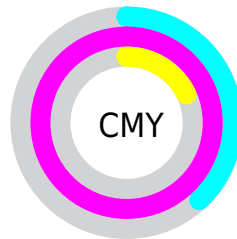
- Red (62%)
- Green (0%)
- Blue (82%)



- Red (62%)
- Yellow (0%)
- Blue (82%)



- Cyan (25%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)




- Cyan (38%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4133, 11.7715, 61.2543 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 25.4133, 11.7715, 61.2543 by changing the saturation by 10% instead.


 25.4133, 11.7715,
61.2543

 25.4133, 11.7715,
61.2543

272.1998,
202.8866, 447.1381


 16.5156, 6.5883,
43.9985


 51.7650, 29.0783,
108.2082


 9.9829, 3.2060,
30.3322


 69.9497, 41.9706,
138.7434


 5.4498, 1.2402,
19.8367


 91.9609, 58.2014,
174.5421

 2.5510, 0.0942,
12.0935

 118.1637, 78.1551,
216.0230

 0.9210, 0.0000,
6.6841

 148.9237,
102.2161, 263.6044

 0.0000, 0.0000,
3.1899

 184.6061,

 0.0000, 0.0000,

130.7687, 317.7051

1.1924

225.5764,
164.1974, 378.7435

■ 0.0000, 0.0000,
0.0000

■ 25.4133, 11.7715,
61.2543

■ 25.4133, 11.7715,
61.2543

■ 25.4137, 11.7718,
61.2546

■ 26.7166, 12.8389,
61.3919

■ 28.3512, 14.5049,
61.6273

■ 30.4156, 16.9646,
61.9933

■ 32.9630, 20.3243,
62.5075

■ 36.0387, 24.6732,
63.1848

■ 39.6822, 30.0900,
64.0383

■ 43.9292, 36.6451,
65.0797

■ 48.8122, 44.4031,
66.3198

■ 54.3613, 53.4233,
67.7684

Harmonies

Analogous

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



16.3803, 11.7715, 100.3770



25.4133, 11.7715, 61.2543



31.3140, 11.7715, 22.1249

Triad

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



25.4133, 11.7715, 61.2543



14.0877, 11.7715, 0.0000



2.4857, 11.7715, 30.7516

Complementary

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



25.4133, 11.7715, 61.2543



24.2167, 46.3312, 7.6665

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.



2.3066, 11.7715, 6.5727



25.4133, 11.7715, 61.2543



7.2290, 11.7715, 0.0000

Square

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



25.4133, 11.7715, 61.2543



23.1227, 11.7715, 0.0000



3.6039, 11.7715, 0.2340



4.2855, 11.7715, 73.0525

Rectangle

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



25.4133, 11.7715, 61.2543



31.4892, 11.7715, 7.5322



3.6039, 11.7715, 0.2340



2.2760, 11.7715, 20.1301

Sweetspot

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



25.4139, 11.7719, 61.2546



68.6513, 57.0874, 102.0084



12.7480, 7.0820, 61.0169



14.0638, 11.2383, 21.6779



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.



25.4139, 11.7719, 61.2546



39.6763, 18.3688, 96.0621



32.3592, 15.9812, 33.1661



12.0116, 11.8548, 14.8988



15.7633, 7.3066, 37.7720



0.9513, 0.4446, 2.1152

Inverse Universe

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



26.9145, 13.8034, 4.4946



42.1496, 21.6238, 6.7200



23.4261, 45.8513, 10.8942



11.9277, 11.8558, 12.8949



16.6280, 8.5241, 2.9474



0.9621, 0.4896, 0.3353

Previews

White Background



This preview shows how the XYZ color 25.4133, 11.7715, 61.2543 looks on a white background.

Color Contrast Check

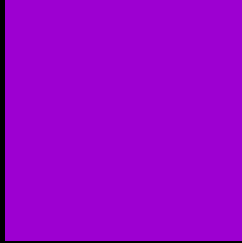
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4133, 11.7715, 61.2543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

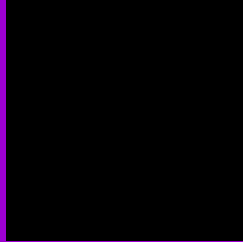
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.4133, 11.7715, 61.2543

Background



This preview shows how black text looks on a background with the XYZ color 25.4133, 11.7715, 61.2543.



This preview shows how white text looks on a background with the XYZ color 25.4133, 11.7715,

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

25.4133, 11.7715, 61.2543

Protanopia

14.5175, 12.3545, 56.2631

Deuteranopia

12.2937, 12.3634, 41.7828



Tritanopia

15.2600, 12.1424, 10.7720

Trichromacy



Original Color

25.4133, 11.7715, 61.2543



Protanomaly

14.0827, 8.4134, 57.3816



Deuteranomaly

12.4904, 8.1245, 47.9236



Tritanomaly

17.0699, 10.1417, 22.8876

Monochromacy



Original Color

25.4133, 11.7715, 61.2543



Achromatopsia

5.9891, 6.3010, 6.8618



Achromatomaly

9.8691, 6.0820, 18.7430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4133, 11.7715, 61.2543 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(157, 0, 209)` looks like.

```
.text, #text, p{  
    color:rgb(157, 0, 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(157, 0, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 0, 209) }
```

Border

The CSS property to change the border of an element to XYZ 25.4133, 11.7715, 61.2543 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(157, 0, 209) }
```


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

```
.border{ border-color:rgb(157, 0, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 0, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 0, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 0, 209);  
box-shadow:4px 4px 4px 4px rgb(157, 0,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4133, 11.7715, 61.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 0, 209) }
```

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

```
.background{ background-color: rgb(157, 0,  
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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