

Converting Colors

XYZ(24.0745, 11.0807, 61.2562)

Have a look what the booklet for
XYZ(24.0745, 11.0807, 61.2562)
contains.

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Color

**XYZ(24.0863, 11.0875,
61.1922)**

Conversions

Conversions Part 1

Format	Color
Hex	9600D1
RGB	150, 0, 209
RGB Percent	59%, 0%, 82%
CMY	0.4118, 1.0000, 0.1804
CMYK	0.28, 1.00, 0.00, 0.18
HSL	283°, 100%, 41%
HSV	283°, 100%, 82%
XYZ	24.0863, 11.0875, 61.1922
YIQ	68.6760, 22.3110, 96.7990

Conversions

Conversions Part 2

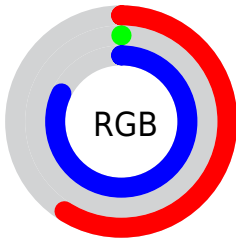
Format	Color
R_{YB}	150, 0, 209
Decimal	9830609
CIE Lab	39.73, 76.20, -68.97
CIE LCh	40, 102.777, 317.854
Yxy	11.0875, 0.2499, 0.1151
Android (android.graphics.Color)	4288020689 (0xFF9600D1)
YUV	68.6760, 69.1797, 71.3211
Hunter-Lab	33.2979, 70.8481, -85.6499

Details

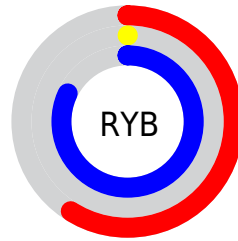
The XYZ color **24.0863, 11.0875, 61.1922** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **24.6044, 46.5310, 7.6848**, and the grayscale version is **5.4935, 5.7796, 6.2940**.

A 20% lighter version of the original color is **47.7216, 27.1082, 97.3249**, and **10.0642, 4.5241, 30.4798** is the 20% darker color. If you saturate the color by 10%, you get **24.0865, 11.0876, 61.1924**, and if you desaturate by 10%, it is **25.4666, 12.1946, 61.3334**.

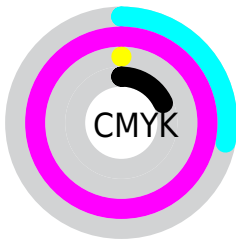
Distribution



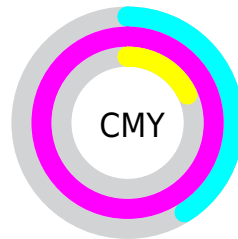
- Red (59%)
- Green (0%)
- Blue (82%)



- Red (59%)
- Yellow (0%)
- Blue (82%)



- Cyan (28%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)





- Cyan (41%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0863, 11.0875, 61.1922 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 24.0863, 11.0875, 61.1922 by changing the saturation by 10% instead.


 24.0863, 11.0875,
61.1922


 24.0863, 11.0875,
61.1922


265.6889,
198.2669, 446.9044


 15.5227, 6.1257,
43.9487


 49.6246, 27.8219,
108.1174


 9.2758, 2.9217,
30.2933


 67.3301, 40.3632,
138.6362


 4.9800, 1.0910,
19.8074


 88.8136, 56.1999,
174.4173

 2.2702, 0.0000,
12.0724

 114.4405, 75.7163,
215.8791

 0.7793, 0.0000,
6.6699

 144.5761, 99.2968,
263.4401

 0.0000, 0.0000,
3.1812

 179.5858,

 0.0000, 0.0000,

127.3258, 317.5190

1.1879

219.8349,
160.1877, 378.5343

■ 0.0000, 0.0000,
0.0000

■ 24.0863, 11.0875,
61.1922

■ 24.0863, 11.0875,
61.1922

■ 24.0865, 11.0876,
61.1924

■ 25.4666, 12.1946,
61.3334

■ 27.1900, 13.9064,
61.5729

■ 29.3551, 16.4183,
61.9437

■ 32.0156, 19.8363,
62.4632

■ 35.2169, 24.2501,
63.1464

■ 38.9986, 29.7382,
64.0064

■ 43.3968, 36.3715,
65.0549

■ 48.4442, 44.2143,
66.3027

■ 54.1711, 53.3263,
67.7597

Harmonies

Analogous

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



15.2536, 11.0875, 99.2354



24.0863, 11.0875, 61.1922



30.0658, 11.0875, 22.1956

Triad

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



24.0863, 11.0875, 61.1922



13.6484, 11.0875, 0.0000



2.1946, 11.0875, 28.2716

Complementary

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



24.0863, 11.0875, 61.1922



24.6044, 46.5310, 7.6848

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.



2.0743, 11.0875, 5.6182



24.0863, 11.0875, 61.1922



6.9112, 11.0875, 0.0000

Square

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



24.0863, 11.0875, 61.1922



22.4709, 11.0875, 0.0000



3.3541, 11.0875, 0.0000



3.8180, 11.0875, 69.6007

Rectangle

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



24.0863, 11.0875, 61.1922



30.4211, 11.0875, 7.5145



3.3541, 11.0875, 0.0000



2.0154, 11.0875, 18.1781

Sweetspot

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



24.0869, 11.0879, 61.1925



67.8066, 56.6519, 101.9689



13.0841, 7.7542, 61.1289



13.8609, 11.1337, 21.6684



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.



24.0869, 11.0879, 61.1925



37.5820, 17.2891, 95.9641



32.9701, 16.2257, 36.3829



11.9720, 11.8344, 14.8969



14.9516, 6.8881, 37.7340



0.9115, 0.4240, 2.1134

Inverse Universe

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



27.0842, 13.8713, 5.3881



42.4092, 21.7277, 8.0869



23.2799, 45.7928, 10.1238



11.9440, 11.8623, 12.9807



16.7358, 8.5672, 3.5151



0.9699, 0.4927, 0.3765

Previews

White Background



This preview shows how the XYZ color 24.0863, 11.0875, 61.1922 looks on a white background.

Color Contrast Check

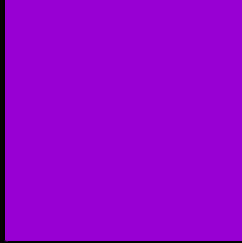
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0863, 11.0875, 61.1922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

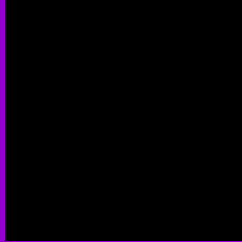
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.0863, 11.0875, 61.1922

Background



This preview shows how black text looks on a background with the XYZ color 24.0863, 11.0875, 61.1922.



This preview shows how white text looks on a background with the XYZ color 24.0863, 11.0875,

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

24.0863, 11.0875, 61.1922

Protanopia

13.6775, 11.5944, 53.1468

Deuteranopia

11.5291, 11.5999, 39.1675



Tritanopia

13.9847, 11.4850, 10.7123

Trichromacy



Original Color

24.0863, 11.0875, 61.1922



Protanomaly

13.5648, 8.1103, 55.4941



Deuteranomaly

11.9499, 7.7182, 46.2073



Tritanomaly

15.7094, 9.4403, 22.8240

Monochromacy



Original Color

24.0863, 11.0875, 61.1922



Achromatopsia

5.6565, 5.9511, 6.4808



Achromatomaly

9.3279, 5.7541, 18.3883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0863, 11.0875, 61.1922 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(150, 0, 209)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 0, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 0, 209) }
```

Border

The CSS property to change the border of an element to XYZ 24.0863, 11.0875, 61.1922 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(150, 0, 209) }
```


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

```
.border{ border-color:rgb(150, 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(150, 0, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 0, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 0, 209);  
box-shadow:4px 4px 4px 4px rgb(150, 0,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0863, 11.0875, 61.1922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 0, 209) }
```

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

```
.background{ background-color: rgb(150, 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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