

Converting Colors

XYZ(23.3627, 10.7144, 61.1583)

Have a look what the booklet for
XYZ(23.3627, 10.7144, 61.1583)
contains.

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Color

**XYZ(23.3627, 10.7144,
61.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	9200D1
RGB	146, 0, 209
RGB Percent	57%, 0%, 82%
CMY	0.4274, 1.0000, 0.1804
CMYK	0.30, 1.00, 0.00, 0.18
HSL	282°, 100%, 41%
HSV	282°, 100%, 82%
XYZ	23.3627, 10.7144, 61.1583
YIQ	67.4800, 19.9270, 95.9510

Conversions

Conversions Part 2

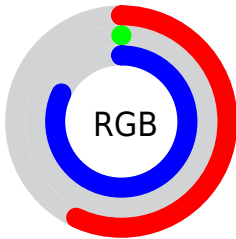
Format	Color
R_{YB}	146, 0, 209
Decimal	9568465
CIE _{Lab}	39.10, 75.73, -70.03
CIE _{LCh}	39, 103.142, 317.241
Yxy	10.7144, 0.2453, 0.1125
Android (android.graphics.Color)	4287758545 (0xFF9200D1)
YUV	67.4800, 69.7694, 68.8620
Hunter-Lab	32.7329, 70.1198, -87.8648

Details

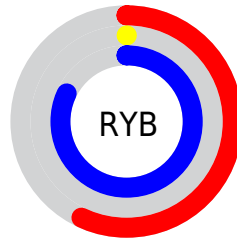
The XYZ color **23.3627, 10.7144, 61.1583** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **24.8503, 46.6578, 7.6961**, and the grayscale version is **5.3021, 5.5782, 6.0747**.

A 20% lighter version of the original color is **46.5209, 26.3764, 97.2470**, and **9.6802, 4.3261, 30.4618** is the 20% darker color. If you saturate the color by 10%, you get **23.3633, 10.7147, 61.1586**, and if you desaturate by 10%, it is **24.7807, 11.8408, 61.3012**.

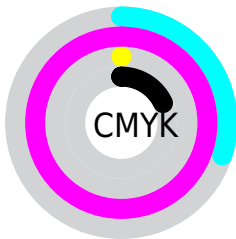
Distribution



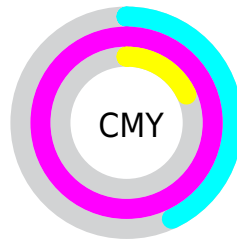
- Red (57%)
- Green (0%)
- Blue (82%)



- Red (57%)
- Yellow (0%)
- Blue (82%)



- Cyan (30%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)





- Cyan (43%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.3627, 10.7144, 61.1583 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 23.3627, 10.7144, 61.1583 by changing the saturation by 10% instead.


 23.3627, 10.7144,
61.1583


 23.3627, 10.7144,
61.1583


262.0831,
195.6975, 446.7768


 14.9837, 5.8751,
43.9215


 48.4505, 27.1308,
108.0679


 8.8942, 2.7693,
30.2721


 65.8900, 39.4768,
138.5778


 4.7288, 1.0125,
19.7914


 87.0804, 55.0937,
174.3491

 2.1221, 0.0000,
12.0609

 112.3870, 74.3661,
215.8005

 0.7012, 0.0000,
6.6621

 142.1753, 97.6783,
263.3504

 0.0000, 0.0000,
3.1765

 176.8105,

 0.0000, 0.0000,

125.4146, 317.4174

1.1854

216.6580,
157.9596, 378.4200

■ 0.0000, 0.0000,
0.0000

■ 23.3627, 10.7144,
61.1583

■ 23.3627, 10.7144,
61.1583

■ 23.3633, 10.7147,
61.1586

■ 24.7807, 11.8408,
61.3012

■ 26.5490, 13.5757,
61.5429

■ 28.7664, 16.1143,
61.9160

■ 31.4867, 19.5630,
62.4383

■ 34.7555, 24.0114,
63.1246

■ 38.6128, 29.5383,
63.9881

■ 43.0945, 36.2143,
65.0405

■ 48.2336, 44.1042,
66.2926

■ 54.0606, 53.2676,
67.7542

Harmonies

Analogous

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



14.6444, 10.7144, 98.6069



23.3627, 10.7144, 61.1583



29.3808, 10.7144, 22.2326

Triad

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



23.3627, 10.7144, 61.1583



13.4044, 10.7144, 0.0000



2.0408, 10.7144, 26.9425

Complementary

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



23.3627, 10.7144, 61.1583



24.8503, 46.6578, 7.6961

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.



1.9503, 10.7144, 5.1251



23.3627, 10.7144, 61.1583



6.7355, 10.7144, 0.0000

Square

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



23.3627, 10.7144, 61.1583



22.1097, 10.7144, 0.0000



3.2179, 10.7144, 0.0000



3.5704, 10.7144, 67.7203

Rectangle

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



23.3627, 10.7144, 61.1583



29.8327, 10.7144, 7.5022



3.2179, 10.7144, 0.0000



1.8775, 10.7144, 17.1410

Sweetspot

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



23.3633, 10.7148, 61.1586



67.3297, 56.4061, 101.9465



13.4676, 8.5214, 61.2568



13.7466, 11.0748, 21.6631



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.



23.3633, 10.7148, 61.1586



36.4416, 16.7012, 95.9107



33.6151, 16.4836, 39.7801



11.9495, 11.8228, 14.8959



14.5089, 6.6599, 37.7133



0.8895, 0.4127, 2.1123

Inverse Universe

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



27.1917, 13.9142, 5.9549



42.5747, 21.7939, 8.9585



23.1555, 45.7431, 9.4696



11.9533, 11.8661, 13.0300



16.8040, 8.5944, 3.8740



0.9747, 0.4946, 0.4016

Previews

White Background



This preview shows how the XYZ color 23.3627, 10.7144, 61.1583 looks on a white background.

Color Contrast Check

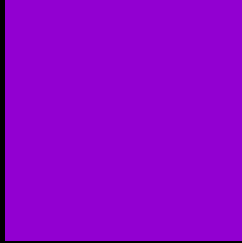
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3627, 10.7144, 61.1583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

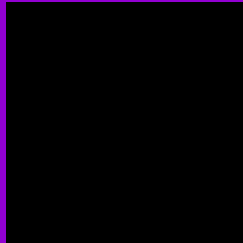
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.3627, 10.7144, 61.1583

Background



This preview shows how black text looks on a background with the XYZ color 23.3627, 10.7144, 61.1583.



This preview shows how white text looks on a background with the XYZ color 23.3627, 10.7144,

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

23.3627, 10.7144, 61.1583

Protanopia

13.1451, 11.2438, 50.7677

Deuteranopia

11.1576, 11.3026, 37.6699



Tritanopia

13.2362, 11.0991, 10.6772

Trichromacy



Original Color

23.3627, 10.7144, 61.1583



Protanomaly

13.1743, 7.8602, 54.2489



Deuteranomaly

11.6343, 7.5795, 45.1058



Tritanomaly

15.0657, 9.1085, 22.7939

Monochromacy



Original Color

23.3627, 10.7144, 61.1583



Achromatopsia

5.3350, 5.6128, 6.1124



Achromatomaly

9.0175, 5.5465, 18.0481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3627, 10.7144, 61.1583 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(146, 0, 209)` looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 0, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 0, 209) }
```

Border

The CSS property to change the border of an element to XYZ 23.3627, 10.7144, 61.1583 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(146, 0, 209) }
```


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

```
.border{ border-color:rgb(146, 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(146, 0, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 0, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 0, 209);  
box-shadow:4px 4px 4px 4px rgb(146, 0,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3627, 10.7144, 61.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 0, 209) }
```

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

```
.background{ background-color: rgb(146, 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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