

Converting Colors

XYZ(23.1052, 11.5921, 61.4063)

Have a look what the booklet for
XYZ(23.1052, 11.5921, 61.4063)
contains.

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Color

**XYZ(23.1862, 11.6524,
61.3487)**

Conversions

Conversions Part 1

Format	Color
Hex	8D26D1
RGB	141, 38, 209
RGB Percent	55%, 15%, 82%
CMY	0.4470, 0.8510, 0.1804
CMYK	0.33, 0.82, 0.00, 0.18
HSL	276°, 69%, 48%
HSV	276°, 82%, 82%
XYZ	23.1862, 11.6524, 61.3487
YIQ	88.2910, 6.4970, 75.0170

Conversions

Conversions Part 2

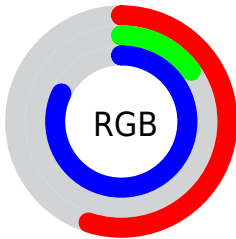
Format	Color
R_{YB}	141, 38, 209
Decimal	9250513
CIE _{Lab}	40.66, 68.20, -67.50
CIE _{LCh}	41, 95.956, 315.295
Yxy	11.6524, 0.2411, 0.1211
Android (android.graphics.Color)	4287440593 (0xFF8D26D1)
YUV	88.2910, 59.5095, 46.2258
Hunter-Lab	34.1356, 61.5066, -82.6614

Details

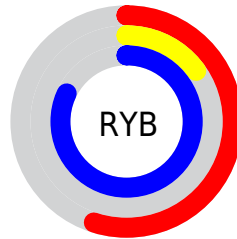
The XYZ color **23.1862, 11.6524, 61.3487** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **29.0943, 48.8052, 9.7208**, and the grayscale version is **9.2130, 9.6928, 10.5554**.

A 20% lighter version of the original color is **46.1441, 28.0487, 97.5896**, and **9.2294, 4.0937, 30.4407** is the 20% darker color. If you saturate the color by 10%, you get **21.3350, 9.9690, 61.1216**, and if you desaturate by 10%, it is **25.5193, 14.1405, 61.7062**.

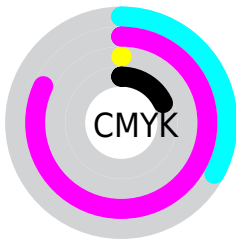
Distribution



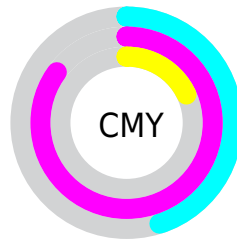
- Red (55%)
- Green (15%)
- Blue (82%)



- Red (55%)
- Yellow (15%)
- Blue (82%)



- Cyan (33%)
- Magenta (82%)
- Yellow (0%)
- Black (18%)



- Cyan (45%)
- Magenta (85%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1862, 11.6524, 61.3487 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 23.1862, 11.6524, 61.3487 by changing the saturation by 10% instead.

■ 23.1862, 11.6524,
61.3487

■ 23.1862, 11.6524,
61.3487

261.1974,
202.0903, 447.4933

■ 14.8525, 6.5075,
44.0743

■ 48.1633, 28.8604,
108.3461

■ 8.8016, 3.1560,
30.3913

■ 65.5374, 41.6923,
138.9062

■ 4.6681, 1.2137,
19.8812

■ 86.6557, 57.8552,
174.7318

■ 2.0866, 0.0729,
12.1255

■ 111.8836, 77.7337,
216.2416

■ 0.6819, 0.0000,
6.7056

■ 141.5863,
101.7120, 263.8542

■ 0.0000, 0.0000,
3.2030

■ 176.1293,

■ 0.0000, 0.0000,

130.1747, 317.9879

1.1992

215.8779,
163.5059, 379.0614

■ 0.0000, 0.0000,
0.0000

■ 23.1862, 11.6524,
61.3487

■ 23.1862, 11.6524,
61.3487

■ 21.3350, 9.9690,
61.1216

■ 25.5193, 14.1405,
61.7062

■ 20.0968, 9.0308,
61.0058

■ 28.3897, 17.5430,
62.2117

■ 31.8459, 21.9531,
62.8808

■ 35.9300, 27.4521,
63.7269

■ 40.6799, 34.1124,
64.7621

■ 46.1302, 42.0003,
65.9974

■ 52.3128, 51.1769,
67.4428

■ 59.2578, 61.6992,
69.1078

■ 66.9931, 73.6206,
71.0011

Harmonies

Analogous

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



14.8882, 11.6524, 93.7143



23.1862, 11.6524, 61.3487



29.1094, 11.6524, 24.7415

Triad

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



23.1862, 11.6524, 61.3487



14.7307, 11.6524, 0.0000



2.6524, 11.6524, 25.3263

Complementary

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



23.1862, 11.6524, 61.3487



29.0943, 48.8052, 9.7208

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.



2.6390, 11.6524, 5.3665



23.1862, 11.6524, 61.3487



7.9761, 11.6524, 0.0000

Square

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



23.1862, 11.6524, 61.3487



23.0310, 11.6524, 0.1329



4.1466, 11.6524, 0.1817



4.1961, 11.6524, 62.1301

Rectangle

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



23.1862, 11.6524, 61.3487



29.8235, 11.6524, 9.5405



4.1466, 11.6524, 0.1817



2.4986, 11.6524, 16.4599

Sweetspot

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



23.1868, 11.6528, 61.3490



69.2562, 61.3558, 102.8004



17.5036, 15.4066, 62.3731



14.1757, 12.1956, 21.8568



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.



23.1868, 11.6528, 61.3490



31.7436, 14.3615, 95.7067



36.4912, 18.7431, 51.5059



11.8369, 11.7648, 14.8906



12.5048, 5.6268, 37.6195



0.7873, 0.3600, 2.1076

Inverse Universe

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



29.5893, 15.9823, 15.1610



43.8182, 22.3798, 15.2333



24.2920, 46.2900, 11.2818



12.0007, 11.8850, 13.2794



17.2233, 8.7621, 6.0819



1.0017, 0.5054, 0.5438

Previews

White Background



This preview shows how the XYZ color 23.1862, 11.6524, 61.3487 looks on a white background.

Color Contrast Check

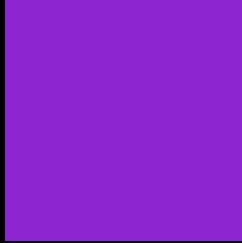
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1862, 11.6524, 61.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

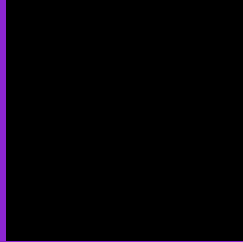
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.1862, 11.6524, 61.3487

Background



This preview shows how black text looks on a background with the XYZ color 23.1862, 11.6524, 61.3487.



This preview shows how white text looks on a background with the XYZ color 23.1862, 11.6524,

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

23.1862, 11.6524, 61.3487

Protanopia

13.8782, 11.8142, 53.7735

Deuteranopia

11.7175, 11.8260, 39.6953



Tritanopia

13.1743, 11.6176, 12.1377

Trichromacy



Original Color

23.1862, 11.6524, 61.3487



Protanomaly

14.2904, 9.6859, 56.3747



Deuteranomaly

12.6708, 9.4723, 46.5079



Tritanomaly

15.4741, 10.6230, 24.5274

Monochromacy



Original Color

23.1862, 11.6524, 61.3487



Achromatopsia

9.2757, 9.7587, 10.6273



Achromatomaly

12.4184, 9.1721, 22.9457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1862, 11.6524, 61.3487 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(141, 38, 209)` looks like.

```
.text, #text, p{  
    color:rgb(141, 38, 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(141, 38, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 38, 209) }
```

Border

The CSS property to change the border of an element to XYZ 23.1862, 11.6524, 61.3487 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(141, 38, 209) }
```


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

```
.border{ border-color:rgb(141, 38, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 38, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 38, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 38, 209);  
box-shadow:4px 4px 4px 4px rgb(141, 38,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1862, 11.6524, 61.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 38, 209) }
```

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

```
.background{ background-color: rgb(141, 38,  
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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