

Converting Colors

XYZ(23.1055, 11.8235, 9.2287)

Have a look what the booklet for
XYZ(23.1055, 11.8235, 9.2287)
contains.

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Color

**XYZ(23.1123, 11.8311,
9.2491)**

Conversions

Conversions Part 1

Format	Color
Hex	BF0653
RGB	191, 6, 83
RGB Percent	75%, 2%, 33%
CMY	0.2510, 0.9763, 0.6745
CMYK	0.00, 0.97, 0.57, 0.25
HSL	335°, 94%, 39%
HSV	335°, 97%, 75%
XYZ	23.1123, 11.8311, 9.2491
YIQ	70.0930, 85.5430, 63.1670

Conversions

Conversions Part 2

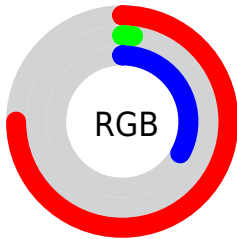
Format	Color
R_{YB}	191, 6, 83
Decimal	12518995
CIE Lab	40.95, 66.63, 10.27
CIE LCh	41, 67.412, 8.759
Yxy	11.8311, 0.5230, 0.2677
Android (android.graphics.Color)	4290709075 (0xFFBF0653)
YUV	70.0930, 6.3632, 106.0354
Hunter-Lab	34.3964, 59.7477, 8.1345

Details

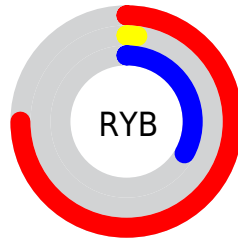
The XYZ color **23.1123, 11.8311, 9.2491** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **21.7453, 38.5160, 22.2174**, and the grayscale version is **5.8196, 6.1227, 6.6676**.

A 20% lighter version of the original color is **48.0007, 29.2042, 24.9368**, and **9.5721, 4.8923, 2.3593** is the 20% darker color. If you saturate the color by 10%, you get **22.9145, 11.6478, 8.5292**, and if you desaturate by 10%, it is **23.8635, 12.5882, 11.7976**.

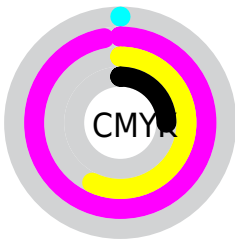
Distribution



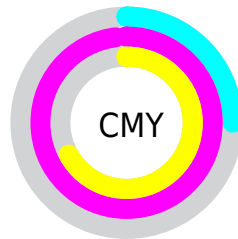
- Red (75%)
- Green (2%)
- Blue (33%)



- Red (75%)
- Yellow (2%)
- Blue (33%)



- Cyan (0%)
- Magenta (97%)
- Yellow (57%)
- Black (25%)





- Cyan (25%)
- Magenta (98%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.1123, 11.8311, 9.2491 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 23.1123, 11.8311, 9.2491 by changing the saturation by 10% instead.


 23.1123, 11.8311,
9.2491


 23.1123, 11.8311,
9.2491


260.8258,
203.2839, 195.5114


 14.7976, 6.6288,
4.8050


 48.0430, 29.1871,
24.9586


 8.7629, 3.2310,
2.0766


 65.3896, 42.1096,
37.0610


 4.6427, 1.2535,
0.6018

 86.4777, 58.3742,
52.5533

 2.0718, 0.1048,
0.0000

 111.6724, 78.3655,
71.8540

 0.6738, 0.0000,
0.0000

 141.3393,
102.4676, 95.3816

 0.0000, 0.0000,
0.0000

 175.8436,

131.0652, 123.5547

215.5506,
164.5425, 156.7918

■ 23.1123, 11.8311,
9.2491

■ 23.1123, 11.8311,
9.2491

■ 22.9145, 11.6478,
8.5292

■ 23.8635, 12.5882,
11.7976

■ 24.9606, 13.9213,
14.8183

■ 26.4608, 15.9399,
18.3447

■ 28.4064, 18.7246,
22.4044

■ 30.8341, 22.3445,
27.0225

■ 33.7766, 26.8611,
32.2221

■ 37.2636, 32.3299,
38.0248

■ 41.3224, 38.8019,
44.4510

■ 45.9785, 46.3245,
51.5200

Harmonies

Analogous

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



22.2797, 11.8311, 25.0843



23.1123, 11.8311, 9.2491



20.1274, 11.8311, 2.3877

Triad

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



23.1123, 11.8311, 9.2491



6.3849, 11.8311, 1.2920



8.2114, 11.8311, 56.8165

Complementary

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



23.1123, 11.8311, 9.2491



21.7453, 38.5160, 22.2174

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.



5.4572, 11.8311, 37.6571



23.1123, 11.8311, 9.2491



4.6315, 11.8311, 5.4620

Square

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



23.1123, 11.8311, 9.2491



9.8924, 11.8311, 0.2777



4.3488, 11.8311, 17.3600



12.7158, 11.8311, 60.9273

Rectangle

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



23.1123, 11.8311, 9.2491



16.7671, 11.8311, 0.9061



4.3488, 11.8311, 17.3600



7.0919, 11.8311, 51.4922

Sweetspot

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



23.1126, 11.8318, 9.2493



65.0079, 55.1695, 65.2762



16.3997, 7.4653, 49.8666



13.6808, 11.1823, 13.3461



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



23.1126, 11.8318, 9.2493



40.9258, 20.8156, 14.6733



21.7953, 11.6424, 1.2717



9.6904, 9.6005, 10.7586



15.0974, 7.6701, 5.8063



0.6240, 0.3135, 0.3994

Inverse Universe

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



23.1126, 11.8318, 9.2493



40.9258, 20.8156, 14.6733



24.9237, 34.6890, 54.6720



9.6904, 9.6005, 10.7586



15.0974, 7.6701, 5.8063



0.6240, 0.3135, 0.3994

Previews

White Background



This preview shows how the XYZ color 23.1123, 11.8311, 9.2491 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 23.1123, 11.8311, 9.2491 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 23.1123, 11.8311, 9.2491

Background



This preview shows how black text looks on a background with the XYZ color 23.1123, 11.8311, 9.2491.



This preview shows how white text looks on a background with the XYZ color 23.1123, 11.8311,

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

23.1123, 11.8311, 9.2491

Protanopia

12.3739, 12.4711, 19.5243

Deuteranopia

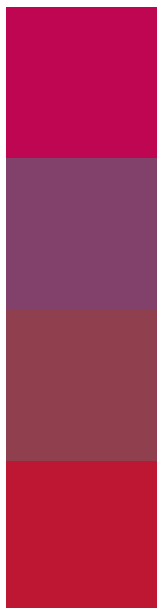
12.5647, 12.4054, 8.3889



Tritanopia

21.7908, 12.0108, 2.5363

Trichromacy



Original Color

23.1123, 11.8311, 9.2491

Protanomaly

13.5974, 9.5093, 15.0287

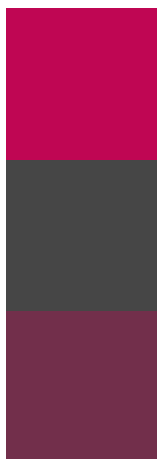
Deuteranomaly

14.4803, 9.9447, 8.3640

Tritanomaly

22.1391, 11.7990, 4.2425

Monochromacy



Original Color

23.1123, 11.8311, 9.2491

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.2259, 6.1184, 7.3513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1123, 11.8311, 9.2491 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(191, 6, 83)` looks like.

```
.text, #text, p{  
    color:rgb(191, 6, 83)  
}
```

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(191, 6, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 6, 83) }
```

Border

The CSS property to change the border of an element to XYZ 23.1123, 11.8311, 9.2491 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(191, 6, 83) }
```


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

```
.border{ border-color:rgb(191, 6, 83) }
```

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

Here you see how a box with a 4 pixel rgb(191, 6, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 6, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 6, 83);  
box-shadow:4px 4px 4px 4px rgb(191, 6, 83)  
}
```

Background

The CSS property to change the background color of an element to XYZ 23.1123, 11.8311, 9.2491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 6, 83) }
```

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

```
.background{ background-color: rgb(191, 6,  
83) }
```

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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