

Converting Colors

XYZ(23.1447, 11.9152, 6.7378)

Have a look what the booklet for
XYZ(23.1447, 11.9152, 6.7378)
contains.

XYZ(23.1425, 11.9191, 6.7111)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.1425, 11.9191,
6.7111)**

Conversions

Conversions Part 1

Format	Color
Hex	C10745
RGB	193, 7, 69
RGB Percent	76%, 3%, 27%
CMY	0.2431, 0.9724, 0.7294
CMYK	0.00, 0.96, 0.64, 0.24
HSL	340°, 93%, 39%
HSV	340°, 96%, 76%
XYZ	23.1425, 11.9191, 6.7111
YIQ	69.6820, 90.9540, 58.7140

Conversions

Conversions Part 2

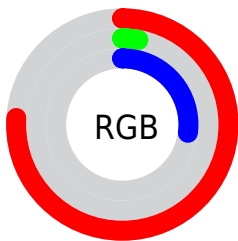
Format	Color
RYB	193, 7, 69
Decimal	12650309
CIELab	41.09, 66.15, 19.42
CIElCh	41, 68.947, 16.363
Yxy	11.9191, 0.5540, 0.2853
Android (android.graphics.Color)	4290840389 (0xFFC10745)
YUV	69.6820, -0.3362, 108.1499
Hunter-Lab	34.5240, 59.2368, 12.6415

Details

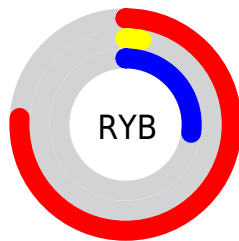
The XYZ color **23.1425, 11.9191, 6.7111** is a dark color, and the websafe version is hex **990033**. The color can be described as dark washed red. A complement of this color would be **23.2572, 39.8248, 27.9468**, and the grayscale version is **5.7620, 6.0621, 6.6016**.

A 20% lighter version of the original color is **47.7787, 29.1999, 19.9476**, and **9.5579, 4.9044, 1.4798** is the 20% darker color. If you saturate the color by 10%, you get **22.9264, 11.7111, 5.9487**, and if you desaturate by 10%, it is **23.8871, 12.6984, 9.1487**.

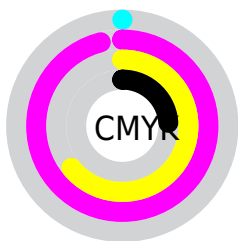
Distribution



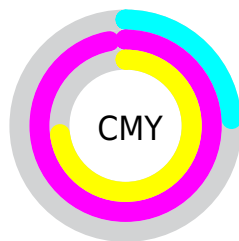
- Red (76%)
- Green (3%)
- Blue (27%)



- Red (76%)
- Yellow (3%)
- Blue (27%)



- Cyan (0%)
- Magenta (96%)
- Yellow (64%)
- Black (24%)





- Cyan (24%)
- Magenta (97%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1425, 11.9191, 6.7111 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 23.1425, 11.9191, 6.7111 by changing the saturation by 10% instead.


 23.1425, 11.9191,
6.7111

 23.1425, 11.9191,
6.7111


260.9777,
203.8690, 174.7799


 14.8200, 6.6886,
3.2064


 48.0921, 29.3477,
19.8925


 8.7787, 3.2681,
1.2010


 65.4500, 42.3146,
30.4063

 4.6531, 1.2733,
0.0000

 86.5504, 58.6290,
44.0935

 2.0778, 0.1204,
0.0000

 111.7587, 78.6755,
61.3726

 0.6771, 0.0000,
0.0000

 141.4402,
102.8383, 82.6623

 0.0000, 0.0000,
0.0000

 175.9604,

131.5019, 108.3811

215.6844,
165.0507, 138.9474

■ 23.1425, 11.9191,
6.7111

■ 23.1425, 11.9191,
6.7111

■ 22.9264, 11.7111,
5.9487

■ 23.8871, 12.6984,
9.1487

■ 25.0088, 14.0846,
12.1648

■ 26.5648, 16.1851,
15.8021

■ 28.6001, 19.0825,
20.0973

■ 31.1536, 22.8481,
25.0840

■ 34.2600, 27.5449,
30.7930

■ 37.9509, 33.2302,
37.2531

■ 42.2555, 39.9568,
44.4916

■ 47.2008, 47.7734,
52.5343

Harmonies

Analogous

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



23.3318, 11.9191, 20.5284



23.1425, 11.9191, 6.7111



19.2529, 11.9191, 1.5554

Triad

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



23.1425, 11.9191, 6.7111



5.7399, 11.9191, 1.7892



9.2286, 11.9191, 61.6180

Complementary

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



23.1425, 11.9191, 6.7111



23.2572, 39.8248, 27.9468

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.



5.9459, 11.9191, 44.4132



23.1425, 11.9191, 6.7111



4.3656, 11.9191, 7.5513

Square

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



23.1425, 11.9191, 6.7111



8.8522, 11.9191, 0.3276



4.4280, 11.9191, 22.2771



14.2289, 11.9191, 60.6743

Rectangle

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



23.1425, 11.9191, 6.7111



15.5918, 11.9191, 0.5368



4.4280, 11.9191, 22.2771



7.9235, 11.9191, 57.4252

Sweetspot

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



23.1428, 11.9198, 6.7113



65.8061, 56.1638, 62.9870



19.0639, 8.8293, 51.1513



13.5104, 11.1141, 12.4487



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.



23.1428, 11.9198, 6.7113



40.9602, 20.9342, 10.1197



22.7249, 12.7410, 1.4636



10.2085, 10.1320, 11.1887



15.2823, 7.8027, 4.1329



0.6927, 0.3501, 0.3491

Inverse Universe

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



23.1428, 11.9198, 6.7113



40.9602, 20.9342, 10.1197



22.6350, 29.7384, 54.9989



10.2085, 10.1320, 11.1887



15.2823, 7.8027, 4.1329



0.6927, 0.3501, 0.3491

Previews

White Background



This preview shows how the XYZ color 23.1425, 11.9191, 6.7111 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 23.1425, 11.9191, 6.7111 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 23.1425, 11.9191, 6.7111

Background



This preview shows how black text looks on a background with the XYZ color 23.1425, 11.9191, 6.7111.



This preview shows how white text looks on a background with the XYZ color 23.1425, 11.9191,

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

23.1425, 11.9191, 6.7111

Protanopia

11.9722, 12.3843, 14.0713

Deuteranopia

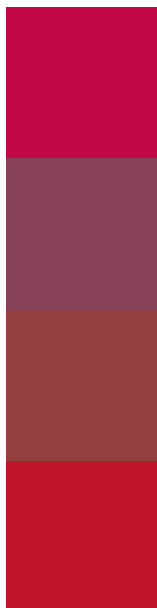
12.5640, 12.3247, 5.9917



Tritanopia

22.3399, 12.1116, 2.1376

Trichromacy



Original Color

23.1425, 11.9191, 6.7111

Protanomaly

13.5250, 9.5702, 10.5856

Deuteranomaly

14.6524, 10.0072, 5.8619

Tritanomaly

22.4063, 11.8739, 3.3014

Monochromacy



Original Color

23.1425, 11.9191, 6.7111

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.1922, 6.1201, 6.4912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1425, 11.9191, 6.7111 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(193, 7, 69)` looks like.

```
.text, #text, p{  
    color:rgb(193, 7, 69)  
}
```

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(193, 7, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 7, 69) }
```

Border

The CSS property to change the border of an element to XYZ 23.1425, 11.9191, 6.7111 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(193, 7, 69) }
```


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

```
.border{ border-color:rgb(193, 7, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 7, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 7, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 7, 69);  
box-shadow:4px 4px 4px 4px rgb(193, 7, 69)  
}
```

Background

The CSS property to change the background color of an element to XYZ 23.1425, 11.9191, 6.7111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 7, 69) }
```

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

```
.background{ background-color: rgb(193, 7,  
69) }
```

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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