

Converting Colors

XYZ(11.5430, 7.9375, 23.9009)

Have a look what the booklet for
XYZ(11.5430, 7.9375, 23.9009)
contains.

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Color

**XYZ(11.5214, 7.9115,
23.8415)**

Conversions

Conversions Part 1

Format	Color
Hex	663D87
RGB	102, 61, 135
RGB Percent	40%, 24%, 53%
CMY	0.6000, 0.7608, 0.4706
CMYK	0.24, 0.55, 0.00, 0.47
HSL	273°, 38%, 38%
HSV	273°, 55%, 53%
XYZ	11.5214, 7.9115, 23.8415
YIQ	81.6950, 0.6820, 31.7060

Conversions

Conversions Part 2

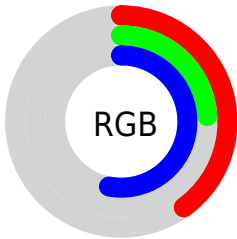
Format	Color
R_{YB}	102, 61, 135
Decimal	6700423
CIE _{Lab}	33.80, 32.81, -34.69
CIE _{LCh}	34, 47.745, 313.403
Yxy	7.9115, 0.2662, 0.1828
Android (android.graphics.Color)	4284890503 (0xFF663D87)
YUV	81.6950, 26.2794, 17.8075
Hunter-Lab	28.1274, 23.8933, -30.5666

Details

The XYZ color **11.5214, 7.9115, 23.8415** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **14.1225, 20.0447, 7.5398**, and the grayscale version is **7.9085, 8.3203, 9.0608**.

A 20% lighter version of the original color is **28.2788, 21.7945, 50.8604**, and **3.2129, 1.7000, 8.7531** is the 20% darker color. If you saturate the color by 10%, you get **10.2318, 6.3084, 23.6002**, and if you desaturate by 10%, it is **13.0426, 9.9036, 24.1460**.

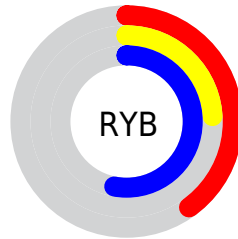
Distribution



Red (40%)

Green (24%)

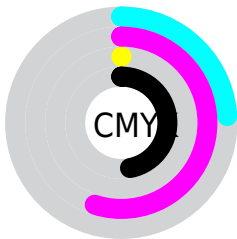
Blue (53%)



Red (40%)

Yellow (24%)

Blue (53%)

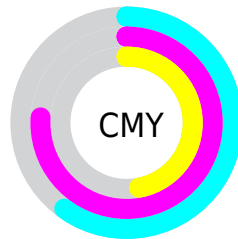


Cyan (24%)

Magenta (55%)

Yellow (0%)

Black (47%)



Cyan (60%)

Magenta (76%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5214, 7.9115, 23.8415 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 11.5214, 7.9115, 23.8415 by changing the saturation by 10% instead.

■ 11.5214, 7.9115,
23.8415

■ 11.5214, 7.9115,
23.8415

■ 195.0459,
175.0362, 285.2789

■ 6.4886, 4.0384,
15.0050

■ 28.2449, 21.7848,
50.7120

■ 3.1878, 1.6951,
8.6762

■ 40.6662, 32.5537,
69.5831

■ 1.2539, 0.4204,
4.4367

■ 56.2811, 46.3900,
92.6361

■ 0.1483, 0.0000,
1.8678

■ 75.4548, 63.6781,
120.2895

■ 0.0000, 0.0000,
0.4722

■ 98.5528, 84.8024,
152.9620

■ 0.0000, 0.0000,
0.0000

■ 125.9404,

110.1472, 191.0720

157.9830,
140.0970, 235.0381

■ 11.5214, 7.9115,
23.8415

■ 11.5214, 7.9115,
23.8415

■ 10.2318, 6.3084,
23.6002

■ 13.0426, 9.9036,
24.1460

■ 9.1580, 5.0651,
23.4168

■ 14.8079, 12.3092,
24.5173

■ 8.2832, 4.1496,
23.2862

■ 16.8301, 15.1519,
24.9594

■ 7.5846, 3.5176,
23.2010

■ 19.1204, 18.4530,
25.4758

■ 7.2592, 3.2370,
23.1640

■ 21.6897, 22.2326,
26.0700

■ 24.5480, 26.5095,
26.7448

■ 27.7048, 31.3015,
27.5034

■ 31.1692, 36.6254,
28.3484

■ 34.9498, 42.4973,
29.2826

Harmonies

Analogous

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



8.7438, 7.9115, 31.5191



11.5214, 7.9115, 23.8415



13.4264, 7.9115, 13.4055

Triad

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



11.5214, 7.9115, 23.8415



9.0459, 7.9115, 0.8751



3.6184, 7.9115, 12.3933

Complementary

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



11.5214, 7.9115, 23.8415



14.1225, 20.0447, 7.5398

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.



3.6631, 7.9115, 5.1270



11.5214, 7.9115, 23.8415



6.4154, 7.9115, 0.8269

Square

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



11.5214, 7.9115, 23.8415



11.7862, 7.9115, 2.0322



4.5719, 7.9115, 1.8236



4.4314, 7.9115, 22.7426

Rectangle

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



11.5214, 7.9115, 23.8415



13.7232, 7.9115, 7.7890



4.5719, 7.9115, 1.8236



3.5405, 7.9115, 9.4959

Sweetspot

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



11.5217, 7.9118, 23.8417



33.5753, 32.0775, 45.4703



10.3273, 10.8005, 24.4622



7.6026, 7.1780, 10.4911



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



11.5217, 7.9118, 23.8417



17.7742, 10.6432, 42.1659



15.7777, 10.1354, 22.7044



4.6628, 4.6623, 5.8549



6.7093, 2.9929, 21.3608



0.0317, 0.0147, 0.0744

Inverse Universe

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



13.6809, 9.2967, 11.6631



22.4026, 13.5986, 16.6591



11.5341, 18.6984, 7.9570



4.7525, 4.7207, 5.3088



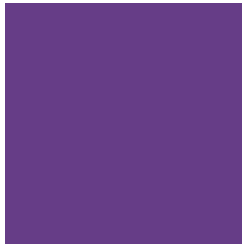
9.9772, 5.0552, 4.4520



0.0381, 0.0189, 0.0343

Previews

White Background



This preview shows how the XYZ color 11.5214, 7.9115, 23.8415 looks on a white background.

Color Contrast Check

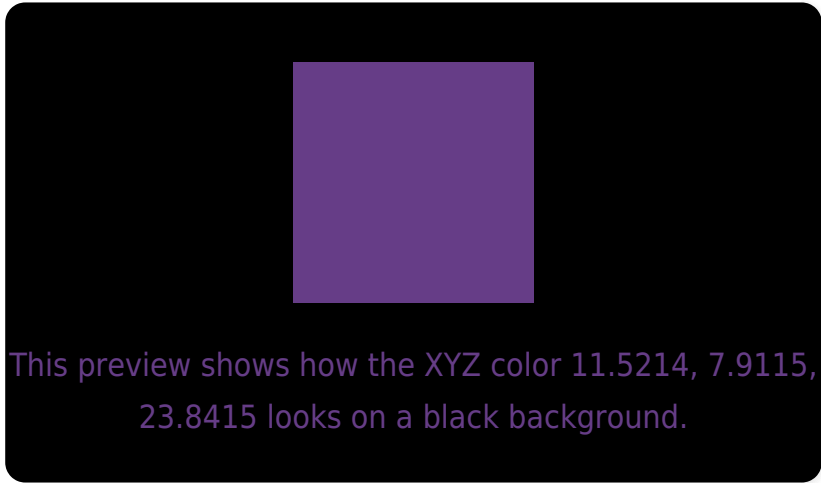
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 11.5214, 7.9115, 23.8415

Background



This preview shows how black text looks on a background with the XYZ color 11.5214, 7.9115, 23.8415.



This preview shows how white text looks on a background with the XYZ color 11.5214, 7.9115,

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

11.5214, 7.9115, 23.8415

Protanopia

9.0765, 7.9735, 30.3388

Deuteranopia

8.1377, 7.9804, 22.5842



Tritanopia

8.5155, 7.9534, 8.8709

Trichromacy



Original Color

11.5214, 7.9115, 23.8415

Protanomaly

9.3507, 7.5749, 27.7573

Deuteranomaly

8.8621, 7.6243, 22.8344

Tritanomaly

9.3630, 7.8067, 13.3253

Monochromacy



Original Color

11.5214, 7.9115, 23.8415

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

8.9176, 7.9610, 13.3785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5214, 7.9115, 23.8415 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(102, 61, 135)` looks like.

```
.text, #text, p{  
    color:rgb(102, 61, 135)  
}
```

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(102, 61, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 61, 135) }
```

Border

The CSS property to change the border of an element to XYZ 11.5214, 7.9115, 23.8415 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(102, 61, 135) }
```


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

```
.border{ border-color:rgb(102, 61, 135) }
```

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

Here you see how a box with a 4 pixel rgb(102, 61, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 61, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 61, 135);  
box-shadow:4px 4px 4px 4px rgb(102, 61,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5214, 7.9115, 23.8415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 61, 135) }
```

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

```
.background{ background-color: rgb(102, 61,  
135) }
```

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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