

Converting Colors

XYZ(11.6845, 9.4036, 23.8893)

Have a look what the booklet for
XYZ(11.6845, 9.4036, 23.8893)
contains.

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Color

**XYZ(11.6068, 9.3230,
23.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	5F4C86
RGB	95, 76, 134
RGB Percent	37%, 30%, 53%
CMY	0.6274, 0.7020, 0.4745
CMYK	0.29, 0.43, 0.00, 0.47
HSL	260°, 28%, 41%
HSV	260°, 43%, 53%
XYZ	11.6068, 9.3230, 23.7420
YIQ	88.2930, -7.2940, 22.0660

Conversions

Conversions Part 2

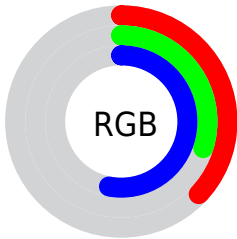
Format	Color
RYB	95, 76, 134
Decimal	6245510
CIELab	36.60, 21.34, -29.69
CIELCh	37, 36.566, 305.711
Yxy	9.3230, 0.2598, 0.2087
Android (android.graphics.Color)	4284435590 (0xFF5F4C86)
YUV	88.2930, 22.5336, 5.8820
Hunter-Lab	30.5336, 14.4198, -24.7286

Details

The XYZ color **11.6068, 9.3230, 23.7420** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.9000, 21.2170, 10.0424**, and the grayscale version is **9.2935, 9.7775, 10.6477**.

A 20% lighter version of the original color is **28.4433, 24.5011, 50.8070**, and **3.2169, 2.2009, 8.6428** is the 20% darker color. If you saturate the color by 10%, you get **9.8956, 7.2103, 23.4246**, and if you desaturate by 10%, it is **13.6193, 11.8768, 24.1290**.

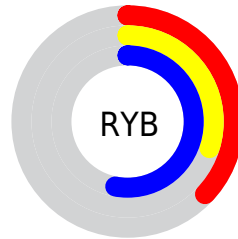
Distribution



 Red (37%)

 Green (30%)

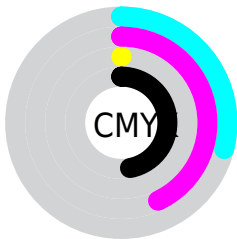
 Blue (53%)



 Red (37%)

 Yellow (30%)

 Blue (53%)

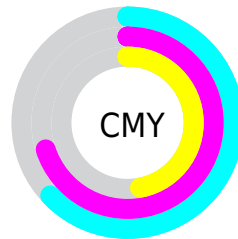


 Cyan (29%)

 Magenta (43%)

 Yellow (0%)

 Black (47%)



 Cyan (63%)

 Magenta (70%)

 Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6068, 9.3230, 23.7420 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 11.6068, 9.3230, 23.7420 by changing the saturation by 10% instead.

■ 11.6068, 9.3230,
23.7420

■ 11.6068, 9.3230,
23.7420

195.6081,
185.7695, 284.7579

■ 6.5468, 4.9525,
14.9319

■ 28.4000, 24.5141,
50.5474

■ 3.2241, 2.2194,
8.6255

■ 40.8640, 36.1034,
69.3798

■ 1.2734, 0.7305,
4.4043

■ 56.5267, 50.8678,
92.3900

■ 0.1632, 0.0000,
1.8496

■ 75.7534, 69.1917,
119.9967

■ 0.0000, 0.0000,
0.4604

■ 98.9096, 91.4594,
152.6182

■ 0.0000, 0.0000,
0.0000

126.3605,

118.0553, 190.6733

158.4715,
149.3639, 234.5803

■ 11.6068, 9.3230,
23.7420

■ 11.6068, 9.3230,
23.7420

■ 9.8956, 7.2103,
23.4246

■ 13.6193, 11.8768,
24.1290

■ 8.4689, 5.5118,
23.1719

■ 15.9466, 14.8946,
24.5889

■ 7.3098, 4.1989,
22.9796

■ 18.6025, 18.3986,
25.1252

■ 6.3990, 3.2391,
22.8423

■ 21.5996, 22.4096,
25.7414

■ 5.7137, 2.5935,
22.7538

■ 24.9501, 26.9469,
26.4406

■ 5.3374, 2.2544,
22.7082

■ 28.6652, 32.0289,
27.2258

■ 32.7559, 37.6732,
28.0996

■ 37.2325, 43.8963,
29.0649

■ 42.1050, 50.7145,
30.1241

Harmonies

Analogous

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



9.2947, 9.3230, 27.9270



11.6068, 9.3230, 23.7420



13.3719, 9.3230, 16.0862

Triad

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



11.6068, 9.3230, 23.7420



10.7445, 9.3230, 2.5684



5.2430, 9.3230, 11.4226

Complementary

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



11.6068, 9.3230, 23.7420



16.9000, 21.2170, 10.0424

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.



5.4996, 9.3230, 5.8916



11.6068, 9.3230, 23.7420



8.4414, 9.3230, 2.1794

Square

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



11.6068, 9.3230, 23.7420



12.8184, 9.3230, 4.5384



6.5868, 9.3230, 3.0888



5.8159, 9.3230, 19.1375

Rectangle

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



11.6068, 9.3230, 23.7420



13.8612, 9.3230, 11.0976



6.5868, 9.3230, 3.0888



5.2365, 9.3230, 9.2602

Sweetspot

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



11.6071, 9.3234, 23.7422



32.7737, 32.4139, 44.2675



13.4870, 15.6644, 24.8671



7.1700, 7.0191, 9.9296



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.6071, 9.3234, 23.7422



17.4731, 12.7502, 41.2785



15.1087, 11.1285, 23.9061



4.5676, 4.6132, 5.8504



5.0123, 2.1181, 21.2813



0.0244, 0.0110, 0.0741

Inverse Universe

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



15.5107, 11.4753, 17.6173



25.4567, 17.1614, 28.3011



13.7262, 19.5808, 9.8939



4.7947, 4.7376, 5.5314



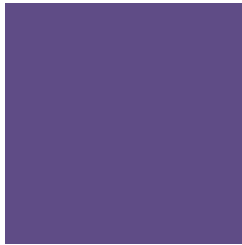
10.9522, 5.4452, 9.5867



0.0413, 0.0202, 0.0510

Previews

White Background



This preview shows how the XYZ color 11.6068, 9.3230, 23.7420 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



This preview shows how the XYZ color 11.6068, 9.3230, 23.7420 looks on a 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 11.6068, 9.3230, 23.7420

Background



This preview shows how black text looks on a background with the XYZ color 11.6068, 9.3230, 23.7420.



This preview shows how white text looks on a background with the XYZ color 11.6068, 9.3230,

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

11.6068, 9.3230, 23.7420

Protanopia

10.0279, 9.3205, 26.4698

Deuteranopia

9.6070, 9.4115, 23.1401



Tritanopia

9.1107, 9.2959, 11.4393

Trichromacy



Original Color

11.6068, 9.3230, 23.7420

Protanomaly

10.4315, 9.2157, 25.2738

Deuteranomaly

10.1526, 9.2239, 23.4356

Tritanomaly

9.8876, 9.2698, 15.1780

Monochromacy



Original Color

11.6068, 9.3230, 23.7420

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.0345, 9.5847, 14.6858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6068, 9.3230, 23.7420 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(95, 76, 134)` looks like.

```
.text, #text, p{  
    color:rgb(95, 76, 134)  
}
```

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(95, 76, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 76, 134) }
```

Border

The CSS property to change the border of an element to XYZ 11.6068, 9.3230, 23.7420 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(95, 76, 134) }
```


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

```
.border{ border-color:rgb(95, 76, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 76, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 76, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 76, 134);  
box-shadow:4px 4px 4px 4px rgb(95, 76,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6068, 9.3230, 23.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 76, 134) }
```

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

```
.background{ background-color: rgb(95, 76,  
134) }
```

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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