

Converting Colors

XYZ(39.2344, 23.7669, 30.0615)

Have a look what the booklet for
XYZ(39.2344, 23.7669, 30.0615)
contains.

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Color

**XYZ(39.1138, 23.7061,
30.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	E14F93
RGB	225, 79, 147
RGB Percent	88%, 31%, 58%
CMY	0.1176, 0.6902, 0.4235
CMYK	0.00, 0.65, 0.35, 0.12
HSL	332°, 71%, 60%
HSV	332°, 65%, 88%
XYZ	39.1138, 23.7061, 30.1180
YIQ	130.4060, 65.1880, 52.1000

Conversions

Conversions Part 2

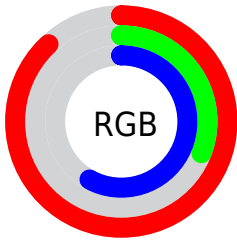
Format	Color
R _{YB}	225, 79, 147
Decimal	14765971
CIE Lab	55.79, 62.46, -6.53
CIE LCh	56, 62.798, 354.029
Yxy	23.7061, 0.4209, 0.2551
Android (android.graphics.Color)	4292956051 (0xFFE14F93)
YUV	130.4060, 8.1808, 82.9589
Hunter-Lab	48.6889, 58.1908, -2.5934

Details

The XYZ color **39.1138, 23.7061, 30.1180** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **36.2369, 57.9477, 41.1770**, and the grayscale version is **21.3187, 22.4290, 24.4252**.

A 20% lighter version of the original color is **60.5868, 43.0854, 60.3814**, and **17.6747, 8.8624, 12.0883** is the 20% darker color. If you saturate the color by 10%, you get **36.8620, 20.6341, 24.9540**, and if you desaturate by 10%, it is **42.0145, 27.9179, 35.9851**.

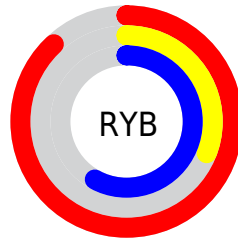
Distribution



Red (88%)

Green (31%)

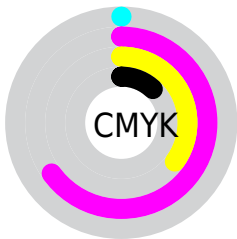
Blue (58%)



Red (88%)

Yellow (31%)

Blue (58%)

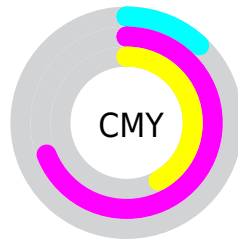


Cyan (0%)

Magenta (65%)

Yellow (35%)

Black (12%)



Cyan (12%)


Magenta (69%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1138, 23.7061, 30.1180 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 39.1138, 23.7061, 30.1180 by changing the saturation by 10% instead.

 39.1138, 23.7061,
30.1180


 39.1138, 23.7061,
30.1180

333.5729,
271.3312, 316.6785

 27.0294, 15.1157,
19.6754


 73.1051, 49.5502,
60.9119


 17.7320, 8.9007,
11.9776


 95.7427, 67.5727,
82.1003

 10.8563, 4.6764,
6.6060


 122.6287, 89.5080,
107.7077

 6.0368, 2.0587,
3.1423

 154.1285,
115.7406, 138.1526

 2.9084, 0.6412,
1.1677

 190.6075,
146.6548, 173.8536

 1.1055, 0.0000,
0.0000

232.4310,

 0.0297, 0.0000,

182.6351, 215.2293

0.0000

279.9644,
224.0658, 262.6980

■ 0.0000, 0.0000,
0.0000

■ 39.1138, 23.7061,
30.1180

■ 39.1138, 23.7061,
30.1180

■ 36.8620, 20.6341,
24.9540

■ 42.0145, 27.9179,
35.9851

■ 35.1962, 18.5811,
20.4567

■ 45.6149, 33.3669,
42.5858


■ 34.0427, 17.4051,
16.5860


■ 49.9627, 40.1440,
49.9500


■ 33.5903, 17.0232,
14.8231


■ 55.1009, 48.3306,
58.1049

■ 61.0688, 58.0016,
67.0765

 67.9031, 69.2262,
76.8891

 75.6383, 82.0697,
87.5660

 83.0147, 94.0089,
98.6988

 84.8614, 94.7476,
108.4232

Harmonies

Analogous

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



35.5568, 23.7061, 56.4467



39.1138, 23.7061, 30.1180



37.5262, 23.7061, 12.8920

Triad

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



39.1138, 23.7061, 30.1180



17.3951, 23.7061, 3.9889



15.3969, 23.7061, 72.4477

Complementary

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



39.1138, 23.7061, 30.1180



36.2369, 57.9477, 41.1770

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.



12.1820, 23.7061, 45.3414



39.1138, 23.7061, 30.1180



13.1537, 23.7061, 8.9298

Square

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



39.1138, 23.7061, 30.1180



23.9892, 23.7061, 3.1386



11.4573, 23.7061, 21.9372



21.1349, 23.7061, 87.9157

Rectangle

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



39.1138, 23.7061, 30.1180



33.9036, 23.7061, 7.0036



11.4573, 23.7061, 21.9372



14.0383, 23.7061, 63.8758

Sweetspot

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



39.1145, 23.7074, 30.1184



77.6028, 71.3314, 83.8908



30.2666, 18.1845, 73.1490



16.1264, 14.4848, 17.2262



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.



39.1145, 23.7074, 30.1184



48.0625, 26.2595, 30.8575



35.6236, 22.8934, 9.9400



13.9715, 13.8062, 15.6202



19.4141, 9.8326, 8.8462



1.3906, 0.6995, 0.8496

Inverse Universe

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



39.1145, 23.7074, 30.1184



48.0625, 26.2595, 30.8575



42.4441, 58.3555, 80.2610



13.9715, 13.8062, 15.6202



19.4141, 9.8326, 8.8462



1.3906, 0.6995, 0.8496

Previews

White Background



This preview shows how the XYZ color 39.1138, 23.7061, 30.1180 looks on a white background.

Color Contrast Check

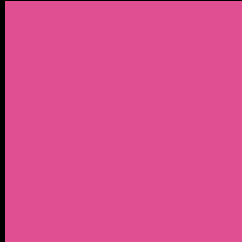
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 39.1138, 23.7061, 30.1180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

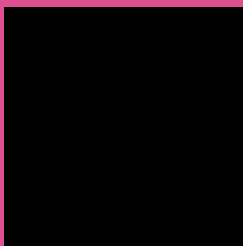
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.1138, 23.7061, 30.1180

Background



This preview shows how black text looks on a background with the XYZ color 39.1138, 23.7061, 30.1180.



This preview shows how white text looks on a background with the XYZ color 39.1138, 23.7061,

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

39.1138, 23.7061, 30.1180

Protanopia

24.4405, 23.8730, 47.5758

Deuteranopia

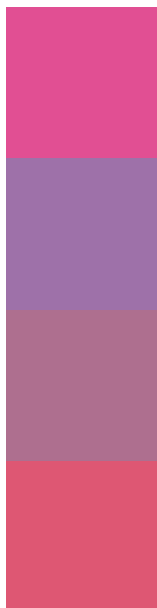
24.3933, 23.8785, 28.1343



Tritanopia

35.7175, 23.7174, 14.0047

Trichromacy



Original Color

39.1138, 23.7061, 30.1180

Protanomaly

27.1671, 21.9439, 40.3399

Deuteranomaly

28.0979, 22.3507, 28.8198

Tritanomaly

36.6269, 23.5838, 18.8413

Monochromacy



Original Color

39.1138, 23.7061, 30.1180

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

25.6454, 21.1458, 26.0224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1138, 23.7061, 30.1180 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(225, 79, 147)` looks like.

```
.text, #text, p{  
    color:rgb(225, 79, 147)  
}
```

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(225, 79, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 79, 147) }
```

Border

The CSS property to change the border of an element to XYZ 39.1138, 23.7061, 30.1180 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(225, 79, 147) }
```


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

```
.border{ border-color:rgb(225, 79, 147) }
```

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

Here you see how a box with a 4 pixel rgb(225, 79, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 79, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 79, 147);  
box-shadow:4px 4px 4px 4px rgb(225, 79,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1138, 23.7061, 30.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 79, 147) }
```

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

```
.background{ background-color: rgb(225, 79,  
147) }
```

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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