

Converting Colors

XYZ(39.2914, 23.7370, 25.8902)

Have a look what the booklet for
XYZ(39.2914, 23.7370, 25.8902)
contains.

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Color

**XYZ(39.1632, 23.7203,
25.8069)**

Conversions

Conversions Part 1

Format	Color
Hex	E44E88
RGB	228, 78, 136
RGB Percent	89%, 31%, 53%
CMY	0.1059, 0.6941, 0.4667
CMYK	0.00, 0.66, 0.40, 0.11
HSL	337°, 74%, 60%
HSV	337°, 66%, 89%
XYZ	39.1632, 23.7203, 25.8069
YIQ	129.4620, 70.7820, 49.8380

Conversions

Conversions Part 2

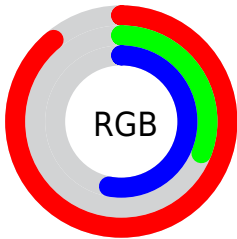
Format	Color
R_{YB}	228, 78, 136
Decimal	14962312
CIE _{Lab}	55.81, 62.55, 0.03
CIE _{LCh}	56, 62.552, 0.030
Yxy	23.7203, 0.4416, 0.2675
Android (android.graphics.Color)	4293152392 (0xFFE44E88)
YUV	129.4620, 3.2232, 86.4178
Hunter-Lab	48.7035, 58.3034, 2.6760

Details

The XYZ color **39.1632, 23.7203, 25.8069** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **38.1424, 60.0094, 47.6069**, and the grayscale version is **21.0011, 22.0948, 24.0612**.

A 20% lighter version of the original color is **59.0893, 42.2621, 53.1872**, and **17.8282, 8.9967, 9.6010** is the 20% darker color. If you saturate the color by 10%, you get **36.8848, 20.6518, 20.4596**, and if you desaturate by 10%, it is **42.1338, 27.9658, 32.0252**.

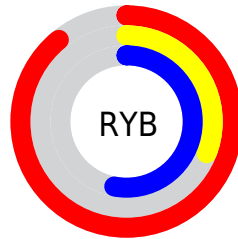
Distribution



Red (89%)

Green (31%)

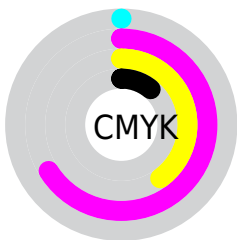
Blue (53%)



Red (89%)

Yellow (31%)

Blue (53%)

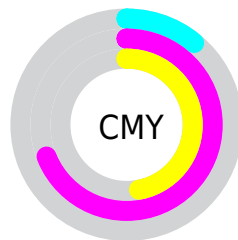


Cyan (0%)

Magenta (66%)

Yellow (40%)

Black (11%)



Cyan (11%)


Magenta (69%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1632, 23.7203, 25.8069 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 39.1632, 23.7203, 25.8069 by changing the saturation by 10% instead.


 39.1632, 23.7203,
25.8069


 39.1632, 23.7203,
25.8069

333.7791,
271.4033, 295.4081


 27.0680, 15.1263,
16.4548


 73.1800, 49.5734,
53.9435


 17.7612, 8.9081,
9.6887


 95.8324, 67.6012,
73.5651


 10.8773, 4.6813,
5.0902


 122.7345, 89.5425,
97.4469

 6.0511, 2.0615,
2.2406

 154.2518,
115.7815, 126.0074

 2.9171, 0.6428,
0.6976

 190.7495,
146.7027, 159.6653

 1.1101, 0.0000,
0.0000

232.5930,

 0.0335, 0.0000,

182.6905, 198.8390

0.0000

280.1478,
224.1292, 243.9471

■ 0.0000, 0.0000,
0.0000

■ 39.1632, 23.7203,
25.8069

■ 39.1632, 23.7203,
25.8069

■ 36.8848, 20.6518,
20.4596

■ 42.1338, 27.9658,
32.0252

■ 35.2309, 18.6325,
15.9356

■ 45.8517, 33.4907,
39.1554


■ 34.1216, 17.5115,
12.1822


■ 50.3682, 40.3905,
47.2371


■ 33.7626, 17.2011,
10.8063


■ 55.7294, 48.7507,
56.3066

■ 61.9778, 58.6496,
66.3982

 69.1528, 70.1600,
77.5444

 77.2916, 83.3498,
89.7762

 84.6793, 94.7837,
102.5400

 85.8049, 95.2340,
108.4673

Harmonies

Analogous

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



36.5810, 23.7203, 50.7344



39.1632, 23.7203, 25.8069



36.5711, 23.7203, 10.7721

Triad

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



39.1632, 23.7203, 25.8069



16.3732, 23.7203, 4.5986



16.3832, 23.7203, 76.7491

Complementary

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



39.1632, 23.7203, 25.8069



38.1424, 60.0094, 47.6069

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.



12.6610, 23.7203, 50.7901



39.1632, 23.7203, 25.8069



12.6562, 23.7203, 10.7919

Square

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



39.1632, 23.7203, 25.8069



22.5383, 23.7203, 3.1279



11.4527, 23.7203, 25.8479



22.5526, 23.7203, 88.0850

Rectangle

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



39.1632, 23.7203, 25.8069



32.5156, 23.7203, 5.9431



11.4527, 23.7203, 25.8479



14.8552, 23.7203, 68.9456

Sweetspot

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



39.1638, 23.7216, 25.8073



76.2492, 69.8123, 79.7773



32.8778, 19.3767, 75.4059



15.8384, 14.1798, 16.2944



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.



39.1638, 23.7216, 25.8073



46.6648, 25.5072, 24.0924



37.2854, 24.8742, 10.0454



14.6065, 14.4598, 16.1282



19.5497, 9.9541, 6.5235



1.4890, 0.7533, 0.7157

Inverse Universe

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



39.1638, 23.7216, 25.8073



46.6648, 25.5072, 24.0924



40.9406, 54.8104, 81.8203



14.6065, 14.4598, 16.1282



19.5497, 9.9541, 6.5235



1.4890, 0.7533, 0.7157

Previews

White Background



This preview shows how the XYZ color 39.1632, 23.7203, 25.8069 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 39.1632, 23.7203, 25.8069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

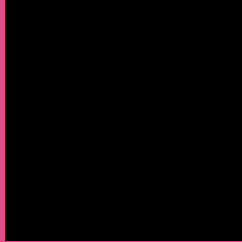
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.1632, 23.7203, 25.8069

Background



This preview shows how black text looks on a background with the XYZ color 39.1632, 23.7203, 25.8069.



This preview shows how white text looks on a background with the XYZ color 39.1632, 23.7203,

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

39.1632, 23.7203, 25.8069

Protanopia

24.1007, 24.0373, 41.3996

Deuteranopia

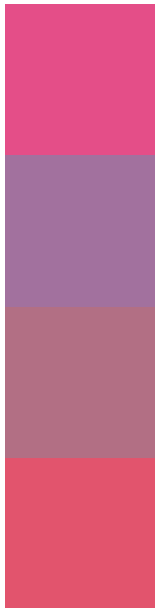
24.3395, 23.9398, 24.1069



Tritanopia

36.5168, 23.7773, 13.0208

Trichromacy



Original Color

39.1632, 23.7203, 25.8069

Protanomaly

26.9770, 21.9603, 35.1647

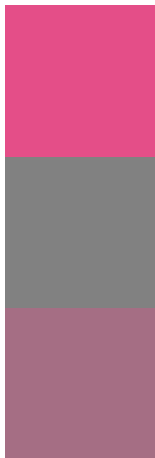
Deuteranomaly

28.2094, 22.4998, 24.6859

Tritanomaly

37.2947, 23.6135, 17.0602

Monochromacy



Original Color

39.1632, 23.7203, 25.8069

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

25.2578, 20.8171, 24.5167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1632, 23.7203, 25.8069 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(228, 78, 136)` looks like.

```
.text, #text, p{  
    color:rgb(228, 78, 136)  
}
```

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(228, 78, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 78, 136) }
```

Border

The CSS property to change the border of an element to XYZ 39.1632, 23.7203, 25.8069 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(228, 78, 136) }
```


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

```
.border{ border-color:rgb(228, 78, 136) }
```

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

Here you see how a box with a 4 pixel rgb(228, 78, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 78, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 78, 136);  
box-shadow:4px 4px 4px 4px rgb(228, 78,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1632, 23.7203, 25.8069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 78, 136) }
```

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

```
.background{ background-color: rgb(228, 78,  
136) }
```

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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