

Converting Colors

XYZ(39.5160, 24.3840, 29.5537)

Have a look what the booklet for
XYZ(39.5160, 24.3840, 29.5537)
contains.

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Color

**XYZ(39.5681, 24.3996,
29.4122)**

Conversions

Conversions Part 1

Format	Color
Hex	E25391
RGB	226, 83, 145
RGB Percent	89%, 33%, 57%
CMY	0.1137, 0.6745, 0.4314
CMYK	0.00, 0.63, 0.36, 0.11
HSL	334°, 71%, 61%
HSV	334°, 63%, 89%
XYZ	39.5681, 24.3996, 29.4122
YIQ	132.8250, 65.3260, 49.5980

Conversions

Conversions Part 2

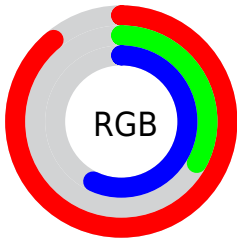
Format	Color
R _Y B	226, 83, 145
Decimal	14832529
CIE Lab	56.49, 60.90, -4.31
CIE LCh	56, 61.055, 355.951
Yxy	24.3996, 0.4237, 0.2613
Android (android.graphics.Color)	4293022609 (0xFFE25391)
YUV	132.8250, 6.0023, 81.7145
Hunter-Lab	49.3960, 56.5426, -0.7263

Details

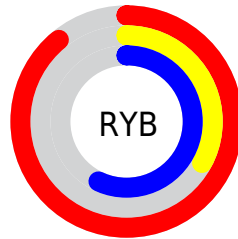
The XYZ color **39.5681, 24.3996, 29.4122** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **37.4659, 58.9127, 44.5223**, and the grayscale version is **22.1941, 23.3499, 25.4280**.

A 20% lighter version of the original color is **60.9269, 44.1397, 59.3414**, and **17.9354, 9.2211, 11.6610** is the 20% darker color. If you saturate the color by 10%, you get **37.1798, 21.1148, 24.0171**, and if you desaturate by 10%, it is **42.6324, 28.8581, 35.5819**.

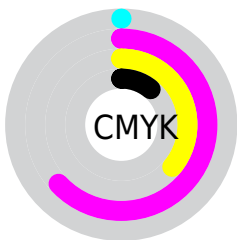
Distribution



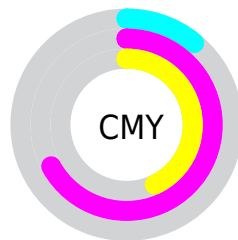
- Red (89%)
- Green (33%)
- Blue (57%)



- Red (89%)
- Yellow (33%)
- Blue (57%)



- Cyan (0%)
- Magenta (63%)
- Yellow (36%)
- Black (11%)



- Cyan (11%)
- Magenta (67%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5681, 24.3996, 29.4122 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 39.5681, 24.3996, 29.4122 by changing the saturation by 10% instead.

39.5681, 24.3996,
29.4122

39.5681, 24.3996,
29.4122

335.4655,
274.8345, 313.2765

27.3847, 15.6303,
19.1446

73.7939, 50.6815,
59.7813

18.0004, 9.2629,
11.5969

96.5670, 68.9629,
80.7199

11.0500, 4.9131,
6.3507

123.6007, 91.1838,
106.0527

6.1680, 2.1964,
2.9872

155.2603,
117.7286, 136.1980

2.9891, 0.7180,
1.0881

191.9113,
148.9817, 171.5745

1.1480, 0.0000,
0.0000

233.9189,

0.0647, 0.0000,

185.3274, 212.6007

0.0000

281.6485,
227.1503, 259.6952

■ 0.0000, 0.0000,
0.0000

■ 39.5681, 24.3996,
29.4122

■ 39.5681, 24.3996,
29.4122

■ 37.1798, 21.1148,
24.0171

■ 42.6324, 28.8581,
35.5819

■ 35.4047, 18.8842,
19.3568

■ 46.4234, 34.5867,
42.5599

■ 34.1703, 17.5693,
15.3885

■ 50.9895, 41.6762,
50.3789

■ 33.5676, 17.0502,
13.0720

■ 56.3736, 50.2078,
59.0691

■ 62.6158, 60.2564,
68.6591

■ 69.7532, 71.8916,
79.1759

■ 77.8208, 85.1787,
90.6454

■ 83.9769, 94.4299,
102.1342

■ 85.1740, 94.9087,
108.4378

Harmonies

Analogous

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



36.3782, 24.3996, 54.8747



39.5681, 24.3996, 29.4122



37.6897, 24.3996, 12.9112

Triad

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



39.5681, 24.3996, 29.4122



17.7359, 24.3996, 4.6837



16.3814, 24.3996, 73.6495

Complementary

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



39.5681, 24.3996, 29.4122



37.4659, 58.9127, 44.5223

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.



12.9885, 24.3996, 47.5082



39.5681, 24.3996, 29.4122



13.6518, 24.3996, 10.1857

Square

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



39.5681, 24.3996, 29.4122



24.1644, 24.3996, 3.5800



12.1012, 24.3996, 23.9115



22.2443, 24.3996, 87.4085

Rectangle

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



39.5681, 24.3996, 29.4122



33.9862, 24.3996, 7.2578



12.1012, 24.3996, 23.9115



14.9646, 24.3996, 65.5297

Sweetspot

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



39.5688, 24.4009, 29.4126



77.3858, 71.2446, 82.7481



31.6514, 19.3239, 74.0131



16.0742, 14.4639, 16.9514



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.



39.5688, 24.4009, 29.4126



48.0472, 26.6700, 29.4924



36.5952, 24.1324, 10.9146



13.9527, 13.7987, 15.5213



19.2075, 9.7500, 7.7584



1.3757, 0.6935, 0.7711

Inverse Universe

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



39.5688, 24.4009, 29.4126



48.0472, 26.6700, 29.4924



42.5880, 57.9154, 80.8856



13.9527, 13.7987, 15.5213



19.2075, 9.7500, 7.7584



1.3757, 0.6935, 0.7711

Previews

White Background



This preview shows how the XYZ color 39.5681, 24.3996, 29.4122 looks on a white background.

Color Contrast Check

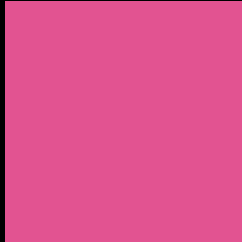
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5681, 24.3996, 29.4122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

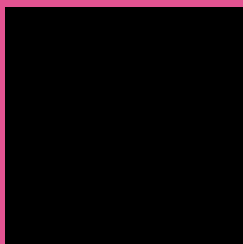
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.5681, 24.3996, 29.4122

Background



This preview shows how black text looks on a background with the XYZ color 39.5681, 24.3996, 29.4122.



This preview shows how white text looks on a background with the XYZ color 39.5681, 24.3996,

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

39.5681, 24.3996, 29.4122

Protanopia

24.8732, 24.5496, 45.5471

Deuteranopia

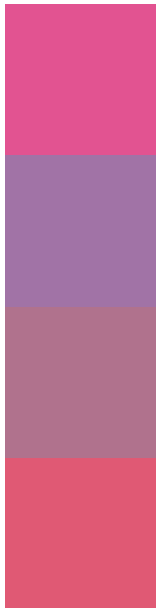
25.0515, 24.6334, 27.4791



Tritanopia

36.5979, 24.4175, 14.5885

Trichromacy



Original Color

39.5681, 24.3996, 29.4122

Protanomaly

27.7116, 22.5917, 38.9765

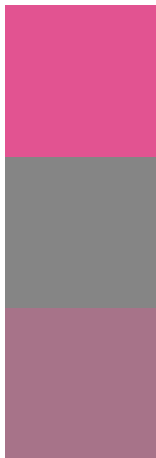
Deuteranomaly

28.7295, 23.1878, 28.1608

Tritanomaly

37.4652, 24.2530, 19.2297

Monochromacy



Original Color

39.5681, 24.3996, 29.4122

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

26.5824, 22.2831, 26.5669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5681, 24.3996, 29.4122 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(226, 83, 145)` looks like.

```
.text, #text, p{  
    color:rgb(226, 83, 145)  
}
```

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(226, 83, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 83, 145) }
```

Border

The CSS property to change the border of an element to XYZ 39.5681, 24.3996, 29.4122 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(226, 83, 145) }
```


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

```
.border{ border-color:rgb(226, 83, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 83, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 83, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 83, 145);  
box-shadow:4px 4px 4px 4px rgb(226, 83,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5681, 24.3996, 29.4122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 83, 145) }
```

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

```
.background{ background-color: rgb(226, 83,  
145) }
```

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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