

Converting Colors

XYZ(39.2067, 26.1246, 25.8430)

Have a look what the booklet for
XYZ(39.2067, 26.1246, 25.8430)
contains.

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Color

**XYZ(39.1723, 26.1726,
25.9089)**

Conversions

Conversions Part 1

Format	Color
Hex	DF6287
RGB	223, 98, 135
RGB Percent	87%, 38%, 53%
CMY	0.1255, 0.6157, 0.4706
CMYK	0.00, 0.56, 0.39, 0.13
HSL	342°, 66%, 63%
HSV	342°, 56%, 87%
XYZ	39.1723, 26.1726, 25.9089
YIQ	139.5930, 62.6230, 38.0070

Conversions

Conversions Part 2

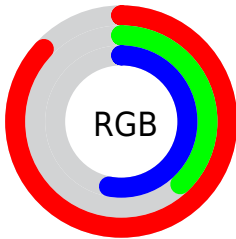
Format	Color
R_{YB}	223, 98, 135
Decimal	14639751
CIE Lab	58.20, 52.26, 4.00
CIE LCh	58, 52.415, 4.374
Yxy	26.1726, 0.4293, 0.2868
Android (android.graphics.Color)	4292829831 (0xFFDF6287)
YUV	139.5930, -2.2643, 73.1479
Hunter-Lab	51.1592, 47.1480, 5.7848

Details

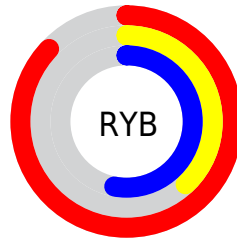
The XYZ color **39.1723, 26.1726, 25.9089** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **40.2891, 58.9179, 55.7068**, and the grayscale version is **24.7619, 26.0514, 28.3700**.

A 20% lighter version of the original color is **61.7083, 47.6733, 53.5264**, and **17.8175, 10.2203, 9.8377** is the 20% darker color. If you saturate the color by 10%, you get **36.3436, 22.1557, 19.9086**, and if you desaturate by 10%, it is **42.7465, 31.4196, 32.9625**.

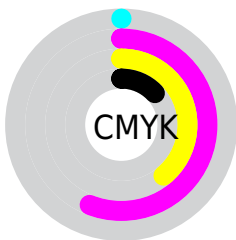
Distribution



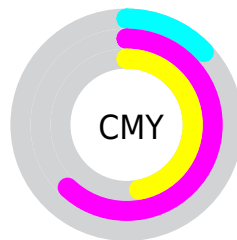
- Red (87%)
- Green (38%)
- Blue (53%)



- Red (87%)
- Yellow (38%)
- Blue (53%)



- Cyan (0%)
- Magenta (56%)
- Yellow (39%)
- Black (13%)





- Cyan (13%)
- Magenta (62%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1723, 26.1726, 25.9089 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 39.1723, 26.1726, 25.9089 by changing the saturation by 10% instead.


 39.1723, 26.1726,
25.9089


 39.1723, 26.1726,
25.9089

333.8170,
283.6283, 295.9258


 27.0751, 16.9528,
16.5303


 73.1938, 53.5533,
54.1102


 17.7665, 10.2009,
9.7418


 95.8489, 72.4829,
73.7701

 10.8812, 5.5323,
5.1247


 122.7540, 95.4180,
97.6941

 6.0537, 2.5629,
2.2606

 154.2745,
122.7429, 126.3008

 2.9187, 0.9080,
0.7090

190.7756,
154.8419, 160.0088

 1.1109, 0.0000,
0.0000

232.6229,

 0.0342, 0.0000,

192.0996, 199.2367

0.0000

280.1816,
234.9003, 244.4028

■ 0.0000, 0.0000,
0.0000

■ 39.1723, 26.1726,
25.9089

■ 39.1723, 26.1726,
25.9089

■ 36.3436, 22.1557,
19.9086

■ 42.7465, 31.4196,
32.9625

■ 34.2016, 19.2628,
14.9061

■ 47.1148, 37.9830,
41.1176

■ 32.6816, 17.3765,
10.8425

■ 52.3237, 45.9463,
50.4213

■ 31.7033, 16.3497,
7.6502

■ 58.4158, 55.3846,
60.9170

■ 31.4148, 16.0813,
6.6026

■ 65.4304, 66.3677,
72.6461

■ 73.4047, 78.9610,
85.6478

■ 82.3735, 93.2261,
99.9595

■ 84.2414, 94.4280,
108.3942

Harmonies

Analogous

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



37.6133, 26.1726, 46.4896



39.1723, 26.1726, 25.9089



36.3979, 26.1726, 12.9435

Triad

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



39.1723, 26.1726, 25.9089



18.5903, 26.1726, 8.2616



19.9527, 26.1726, 73.1820

Complementary

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



39.1723, 26.1726, 25.9089



40.2891, 58.9179, 55.7068

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.



16.0855, 26.1726, 53.2005



39.1723, 26.1726, 25.9089



15.3981, 26.1726, 15.8742

Square

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



39.1723, 26.1726, 25.9089



23.9552, 26.1726, 5.8971



14.5656, 26.1726, 31.2530



25.8207, 26.1726, 79.6326

Rectangle

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



39.1723, 26.1726, 25.9089



32.7022, 26.1726, 8.4555



14.5656, 26.1726, 31.2530



18.4105, 26.1726, 67.5027

Sweetspot

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



39.1730, 26.1740, 25.9094



78.2159, 73.5801, 80.9428



37.8166, 24.4413, 72.5365



16.3683, 15.1692, 16.6881



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.



39.1730, 26.1740, 25.9094



48.7752, 29.3652, 25.9142



39.7200, 30.7373, 15.3965



13.8733, 13.7670, 15.1030



18.5147, 9.4729, 4.1103



1.3218, 0.6720, 0.4877

Inverse Universe

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



39.1730, 26.1740, 25.9094



48.7752, 29.3652, 25.9142



38.5515, 48.3136, 77.1056



13.8733, 13.7670, 15.1030



18.5147, 9.4729, 4.1103



1.3218, 0.6720, 0.4877

Previews

White Background



This preview shows how the XYZ color 39.1723, 26.1726, 25.9089 looks on a white background.

Color Contrast Check

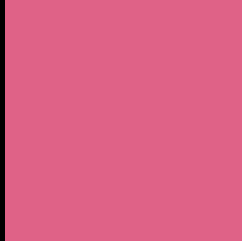
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1723, 26.1726, 25.9089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

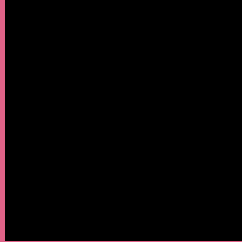
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.1723, 26.1726, 25.9089

Background



This preview shows how black text looks on a background with the XYZ color 39.1723, 26.1726, 25.9089.



This preview shows how white text looks on a background with the XYZ color 39.1723, 26.1726,

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

39.1723, 26.1726, 25.9089

Protanopia

25.8072, 26.2868, 36.5146

Deuteranopia

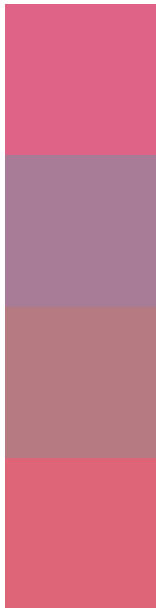
26.7270, 26.1820, 24.4139



Tritanopia

37.4835, 26.1984, 17.8331

Trichromacy



Original Color

39.1723, 26.1726, 25.9089

Protanomaly

28.8611, 24.9421, 32.1473

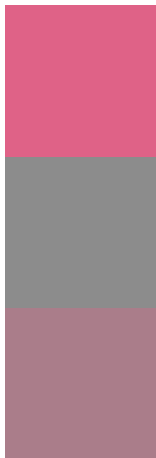
Deuteranomaly

30.3477, 25.5028, 24.7958

Tritanomaly

38.1077, 26.1689, 20.4954

Monochromacy



Original Color

39.1723, 26.1726, 25.9089

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

28.4986, 25.0483, 27.3775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1723, 26.1726, 25.9089 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(223, 98, 135)` looks like.

```
.text, #text, p{  
    color:rgb(223, 98, 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(223, 98, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 98, 135) }
```

Border

The CSS property to change the border of an element to XYZ 39.1723, 26.1726, 25.9089 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(223, 98, 135) }
```


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

```
.border{ border-color:rgb(223, 98, 135) }
```

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

Here you see how a box with a 4 pixel rgb(223, 98, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 98, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 98, 135);  
box-shadow:4px 4px 4px 4px rgb(223, 98,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1723, 26.1726, 25.9089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 98, 135) }
```

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

```
.background{ background-color: rgb(223, 98,  
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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