

Converting Colors

XYZ(39.0377, 23.5499, 26.7779)

Have a look what the booklet for
XYZ(39.0377, 23.5499, 26.7779)
contains.

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Color

**XYZ(38.9926, 23.5027,
26.9074)**

Conversions

Conversions Part 1

Format	Color
Hex	E34D8B
RGB	227, 77, 139
RGB Percent	89%, 30%, 55%
CMY	0.1098, 0.6980, 0.4549
CMYK	0.00, 0.66, 0.39, 0.11
HSL	335°, 73%, 60%
HSV	335°, 66%, 89%
XYZ	38.9926, 23.5027, 26.9074
YIQ	128.9180, 69.4980, 51.0820

Conversions

Conversions Part 2

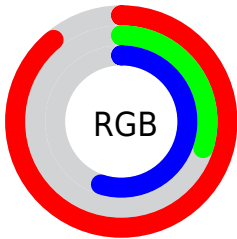
Format	Color
R_{YB}	227, 77, 139
Decimal	14896523
CIE _{Lab}	55.59, 62.96, -2.08
CIE _{LCh}	56, 62.994, 358.106
Yxy	23.5027, 0.4361, 0.2629
Android (android.graphics.Color)	4293086603 (0xFFE34D8B)
YUV	128.9180, 4.9704, 86.0179
Hunter-Lab	48.4796, 58.7300, 1.0283

Details

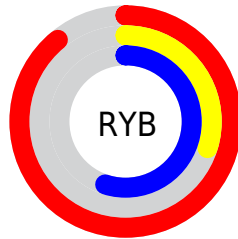
The XYZ color **38.9926, 23.5027, 26.9074** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **37.3226, 59.2332, 45.0673**, and the grayscale version is **20.8048, 21.8883, 23.8364**.

A 20% lighter version of the original color is **59.2795, 42.1160, 54.8740**, and **17.7395, 8.9368, 10.2412** is the 20% darker color. If you saturate the color by 10%, you get **36.7575, 20.4962, 21.6502**, and if you desaturate by 10%, it is **41.9014, 27.6669, 32.9745**.

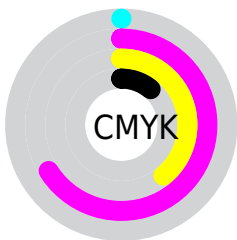
Distribution



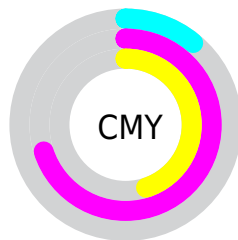
- Red (89%)
- Green (30%)
- Blue (55%)



- Red (89%)
- Yellow (30%)
- Blue (55%)



- Cyan (0%)
- Magenta (66%)
- Yellow (39%)
- Black (11%)





- Cyan (11%)
- Magenta (70%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9926, 23.5027, 26.9074 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 38.9926, 23.5027, 26.9074 by changing the saturation by 10% instead.


 38.9926, 23.5027,
26.9074


 38.9926, 23.5027,
26.9074

333.0667,
270.2966, 300.9545


 26.9347, 14.9651,
17.2719


 72.9212, 49.2175,
55.7372

 17.6605, 8.7949,
10.2645


 95.5225, 67.1634,
75.7685


 10.8047, 4.6077,
5.4668


 122.3690, 89.0143,
100.1021

 6.0020, 2.0190,
2.4602

 153.8261,
115.1546, 129.1567

 2.8870, 0.6184,
0.8189

 190.2590,
145.9685, 163.3506

 1.0943, 0.0000,
0.0000

232.0332,

 0.0203, 0.0000,

181.8405, 203.1026

0.0000

279.5140,
223.1551, 248.8310

■ 0.0000, 0.0000,
0.0000

■ 38.9926, 23.5027,
26.9074

■ 38.9926, 23.5027,
26.9074

■ 36.7575, 20.4962,
21.6502

■ 41.9014, 27.6669,
32.9745

■ 35.1295, 18.5209,
17.1592

■ 45.5380, 33.0904,
39.8888


■ 34.0296, 17.4260,
13.3860


■ 49.9526, 39.8678,
47.6862


■ 33.6908, 17.1358,
12.0791

■ 55.1906, 48.0835,
56.3999

■ 61.2933, 57.8150,
66.0610

 68.2995, 69.1342,
76.6993

 76.2454, 82.1084,
88.3428

 84.0033, 94.4768,
100.6313

 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



36.0844, 23.5027, 52.3772



38.9926, 23.5027, 26.9074



36.7105, 23.5027, 11.2138

Triad

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



38.9926, 23.5027, 26.9074



16.4932, 23.5027, 4.2530



15.8616, 23.5027, 75.3561

Complementary

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



38.9926, 23.5027, 26.9074



37.3226, 59.2332, 45.0673

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.



12.3132, 23.5027, 48.8440



38.9926, 23.5027, 26.9074



12.6197, 23.5027, 9.9690

Square

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



38.9926, 23.5027, 26.9074



22.7938, 23.5027, 3.0087



11.2648, 23.5027, 24.3172



21.8895, 23.5027, 88.1255

Rectangle

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



38.9926, 23.5027, 26.9074



32.7766, 23.5027, 6.1012



11.2648, 23.5027, 24.3172



14.3915, 23.5027, 67.2422

Sweetspot

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



38.9933, 23.5040, 26.9078



76.4342, 69.8863, 80.7511



31.9336, 18.8012, 74.6189



15.8824, 14.1974, 16.5262



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.



38.9933, 23.5040, 26.9078



47.0400, 25.6573, 26.0685



36.6332, 24.0964, 9.7431



14.6228, 14.4663, 16.2139



19.7035, 10.0156, 7.3335



1.5013, 0.7582, 0.7805

Inverse Universe

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



38.9933, 23.5040, 26.9078



47.0400, 25.6573, 26.0685



41.0999, 55.4711, 81.2138



14.6228, 14.4663, 16.2139



19.7035, 10.0156, 7.3335



1.5013, 0.7582, 0.7805

Previews

White Background



This preview shows how the XYZ color 38.9926, 23.5027, 26.9074 looks on a white background.

Color Contrast Check

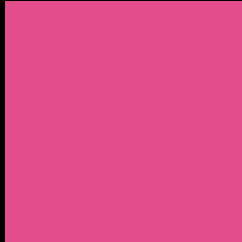
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.9926, 23.5027, 26.9074 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 38.9926, 23.5027, 26.9074

Background



This preview shows how black text looks on a background with the XYZ color 38.9926, 23.5027, 26.9074.



This preview shows how white text looks on a background with the XYZ color 38.9926, 23.5027,

26.9074.

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

38.9926, 23.5027, 26.9074

Protanopia

24.0596, 23.7695, 43.3643

Deuteranopia

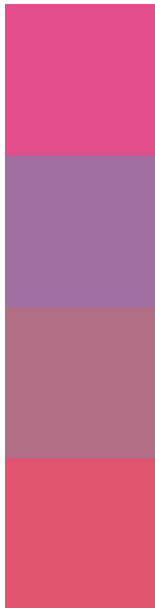
24.0477, 23.5695, 25.1117



Tritanopia

36.1244, 23.4540, 12.9790

Trichromacy



Original Color

38.9926, 23.5027, 26.9074

Protanomaly

26.9251, 21.7386, 36.4951

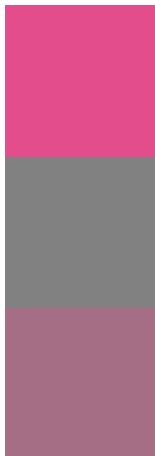
Deuteranomaly

27.8536, 22.1312, 25.7254

Tritanomaly

36.9591, 23.3199, 17.3051

Monochromacy



Original Color

38.9926, 23.5027, 26.9074

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

25.3266, 20.8446, 24.8789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9926, 23.5027, 26.9074 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(227, 77, 139)` looks like.

```
.text, #text, p{  
    color:rgb(227, 77, 139)  
}
```

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(227, 77, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 77, 139) }
```

Border

The CSS property to change the border of an element to XYZ 38.9926, 23.5027, 26.9074 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(227, 77, 139) }
```


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

```
.border{ border-color:rgb(227, 77, 139) }
```

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

Here you see how a box with a 4 pixel rgb(227, 77, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 77, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 77, 139);  
box-shadow:4px 4px 4px 4px rgb(227, 77,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9926, 23.5027, 26.9074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 77, 139) }
```

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

```
.background{ background-color: rgb(227, 77,  
139) }
```

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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