

Converting Colors

XYZ(40.0779, 26.4104, 26.3568)

Have a look what the booklet for
XYZ(40.0779, 26.4104, 26.3568)
contains.

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Color

**XYZ(39.9908, 26.3121,
26.2635)**

Conversions

Conversions Part 1

Format	Color
Hex	E26088
RGB	226, 96, 136
RGB Percent	89%, 38%, 53%
CMY	0.1137, 0.6235, 0.4667
CMYK	0.00, 0.58, 0.40, 0.11
HSL	342°, 69%, 63%
HSV	342°, 58%, 89%
XYZ	39.9908, 26.3121, 26.2635
YIQ	139.4300, 64.6400, 40.0000

Conversions

Conversions Part 2

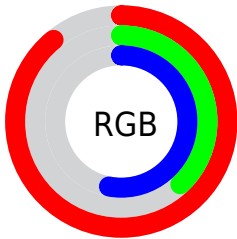
Format	Color
R _Y B	226, 96, 136
Decimal	14835848
CIE Lab	58.33, 54.27, 3.66
CIE LCh	58, 54.392, 3.860
Yxy	26.3121, 0.4320, 0.2843
Android (android.graphics.Color)	4293025928 (0xFFE26088)
YUV	139.4300, -1.6910, 75.9219
Hunter-Lab	51.2953, 49.3952, 5.5499

Details

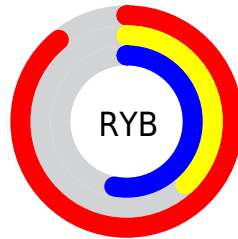
The XYZ color **39.9908, 26.3121, 26.2635** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **40.8847, 60.4253, 55.9667**, and the grayscale version is **24.6963, 25.9824, 28.2949**.

A 20% lighter version of the original color is **61.4919, 47.0673, 53.9880**, and **18.3416, 10.3384, 9.8329** is the 20% darker color. If you saturate the color by 10%, you get **37.1850, 22.3522, 20.2365**, and if you desaturate by 10%, it is **43.5529, 31.5247, 33.3440**.

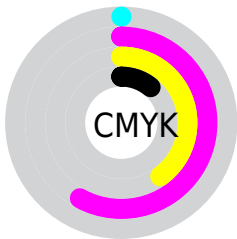
Distribution



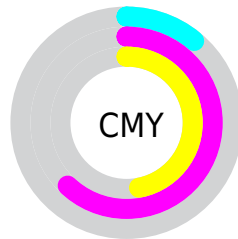
- Red (89%)
- Green (38%)
- Blue (53%)



- Red (89%)
- Yellow (38%)
- Blue (53%)



- Cyan (0%)
- Magenta (58%)
- Yellow (40%)
- Black (11%)





- Cyan (11%)
- Magenta (62%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9908, 26.3121, 26.2635 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 39.9908, 26.3121, 26.2635 by changing the saturation by 10% instead.


 39.9908, 26.3121,
26.2635


 39.9908, 26.3121,
26.2635

337.2199,
284.3108, 297.7197


 27.7156, 17.0573,
16.7933


 74.4339, 53.7780,
54.6890


 18.2507, 10.2753,
9.9269


 97.3325, 72.7579,
74.4815

 11.2309, 5.5819,
5.2455


 124.5029, 95.7482,
98.5518

 6.2908, 2.5926,
2.3308

 156.3105,
123.1334, 127.3184

 3.0650, 0.9229,
0.7484

193.1207,
155.2979, 161.2000

 1.1882, 0.0000,
0.0000

235.2987,

 0.0971, 0.0000,

192.6260, 200.6151

0.0000

283.2100,
235.5022, 245.9821

■ 0.0000, 0.0000,
0.0000

■ 39.9908, 26.3121,
26.2635

■ 39.9908, 26.3121,
26.2635

■ 37.1850, 22.3522,
20.2365

■ 43.5529, 31.5247,
33.3440

■ 35.0741, 19.5335,
15.2074

■ 47.9218, 38.0807,
41.5267

■ 33.5898, 17.7314,
11.1164

■ 53.1462, 46.0674,
50.8586

■ 32.6411, 16.7770,
7.8932

■ 59.2700, 55.5630,
61.3835

■ 32.4547, 16.6050,
7.2114

■ 66.3340, 66.6405,
73.1428

■ 74.3767, 79.3679,
86.1758

■ 83.4341, 93.8092,
100.5201

■ 85.1739, 94.9087,
108.4378

Harmonies

Analogous

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



38.2740, 26.3121, 47.9126



39.9908, 26.3121, 26.2635



37.1467, 26.3121, 12.7527

Triad

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



39.9908, 26.3121, 26.2635



18.5625, 26.3121, 7.7798



19.8066, 26.3121, 75.4566

Complementary

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



39.9908, 26.3121, 26.2635



40.8847, 60.4253, 55.9667

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.



15.8531, 26.3121, 54.1578



39.9908, 26.3121, 26.2635



15.2288, 26.3121, 15.3962

Square

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



39.9908, 26.3121, 26.2635



24.1613, 26.3121, 5.4907



14.3318, 26.3121, 31.1756



25.8760, 26.3121, 82.6305

Rectangle

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



39.9908, 26.3121, 26.2635



33.2978, 26.3121, 8.1343



14.3318, 26.3121, 31.1756



18.2241, 26.3121, 69.3577

Sweetspot

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



39.9915, 26.3135, 26.2640



78.2849, 73.6077, 81.3064



37.8790, 24.1520, 74.6167



16.3845, 15.1757, 16.7733



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.



39.9915, 26.3135, 26.2640



48.2858, 28.5577, 25.2235



40.1728, 30.4078, 14.8202



13.8800, 13.7696, 15.1383



18.5621, 9.4919, 4.3601



1.3258, 0.6736, 0.5086

Inverse Universe

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



39.9915, 26.3135, 26.2640



48.2858, 28.5577, 25.2235



39.7121, 50.2981, 79.5668



13.8800, 13.7696, 15.1383



18.5621, 9.4919, 4.3601



1.3258, 0.6736, 0.5086

Previews

White Background



This preview shows how the XYZ color 39.9908, 26.3121, 26.2635 looks on a white background.

Color Contrast Check

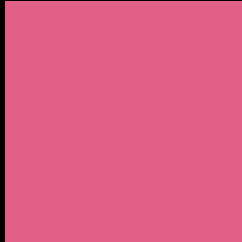
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.9908, 26.3121, 26.2635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

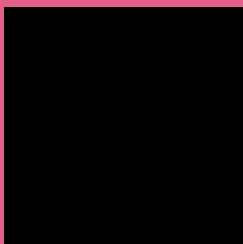
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.9908, 26.3121, 26.2635

Background



This preview shows how black text looks on a background with the XYZ color 39.9908, 26.3121, 26.2635.



This preview shows how white text looks on a background with the XYZ color 39.9908, 26.3121,

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

39.9908, 26.3121, 26.2635

Protanopia

26.2162, 26.6832, 37.9510

Deuteranopia

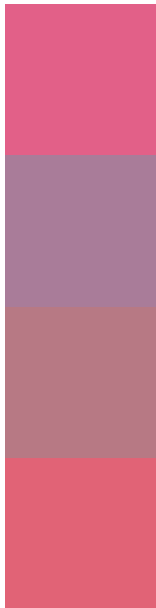
26.9340, 26.4891, 24.8124



Tritanopia

38.1009, 26.2374, 17.2435

Trichromacy



Original Color

39.9908, 26.3121, 26.2635

Protanomaly

29.3196, 25.1502, 33.4462

Deuteranomaly

30.5307, 25.4080, 25.1249

Tritanomaly

38.7832, 26.2392, 20.1601

Monochromacy



Original Color

39.9908, 26.3121, 26.2635

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

28.4650, 24.6588, 27.3041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9908, 26.3121, 26.2635 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, 96, 136)` looks like.

```
.text, #text, p{  
    color:rgb(226, 96, 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(226, 96, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 96, 136) }
```

Border

The CSS property to change the border of an element to XYZ 39.9908, 26.3121, 26.2635 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, 96, 136) }
```


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

```
.border{ border-color:rgb(226, 96, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 96, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 96, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 96, 136);  
box-shadow:4px 4px 4px 4px rgb(226, 96,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9908, 26.3121, 26.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 96, 136) }
```

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

```
.background{ background-color: rgb(226, 96,  
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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