

Converting Colors

XYZ(39.3784, 25.3718, 23.7299)

Have a look what the booklet for
XYZ(39.3784, 25.3718, 23.7299)
contains.

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Color

**XYZ(39.3821, 25.3980,
23.5955)**

Conversions

Conversions Part 1

Format	Color
Hex	E35B81
RGB	227, 91, 129
RGB Percent	89%, 36%, 51%
CMY	0.1098, 0.6431, 0.4941
CMYK	0.00, 0.60, 0.43, 0.11
HSL	343°, 71%, 62%
HSV	343°, 60%, 89%
XYZ	39.3821, 25.3980, 23.5955
YIQ	135.9960, 68.8580, 40.6500

Conversions

Conversions Part 2

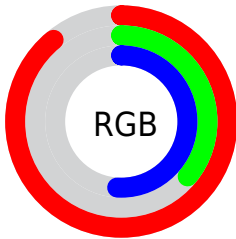
Format	Color
R _Y B	227, 91, 129
Decimal	14900097
CIE Lab	57.46, 56.11, 6.53
CIE LCh	57, 56.490, 6.635
Yxy	25.3980, 0.4456, 0.2874
Android (android.graphics.Color)	4293090177 (0xFFE35B81)
YUV	135.9960, -3.4490, 79.8105
Hunter-Lab	50.3964, 51.2944, 7.5180

Details

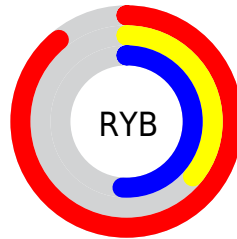
The XYZ color **39.3821, 25.3980, 23.5955** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **40.9703, 60.8371, 57.7315**, and the grayscale version is **23.3957, 24.6140, 26.8047**.

A 20% lighter version of the original color is **60.1172, 45.5048, 49.8708**, and **17.8743, 9.7746, 8.5340** is the 20% darker color. If you saturate the color by 10%, you get **36.7249, 21.6867, 17.7678**, and if you desaturate by 10%, it is **42.8015, 30.3551, 30.5366**.

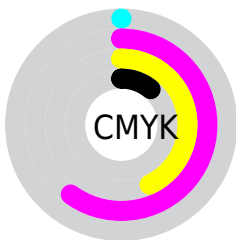
Distribution



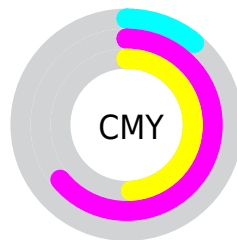
- Red (89%)
- Green (36%)
- Blue (51%)



- Red (89%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (60%)
- Yellow (43%)
- Black (11%)





- Cyan (11%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3821, 25.3980, 23.5955 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 39.3821, 25.3980, 23.5955 by changing the saturation by 10% instead.

 39.3821, 25.3980,
23.5955


 39.3821, 25.3980,
23.5955


334.6916,
279.8142, 283.9894


 27.2392, 16.3738,
14.8244


 73.5120, 52.3022,
50.3048


 17.8904, 9.7891,
8.5510


 96.2297, 70.9509,
69.0802

 10.9706, 5.2593,
4.3567


 123.2030, 93.5767,
92.0273

 6.1142, 2.4002,
1.8230

 154.7973,
120.5639, 119.5648

 2.9560, 0.8260,
0.4431

191.3780,
152.2968, 152.1113

 1.1305, 0.0000,
0.0000

233.3103,

 0.0504, 0.0000,

189.1599, 190.0852

0.0000

280.9597,
231.5376, 233.9050

■ 0.0000, 0.0000,
0.0000

■ 39.3821, 25.3980,
23.5955

■ 39.3821, 25.3980,
23.5955

■ 36.7249, 21.6867,
17.7678

■ 42.8015, 30.3551,
30.5366

■ 34.7647, 19.1041,
12.9902

■ 47.0367, 36.6528,
38.6462

■ 33.4284, 17.5181,
9.1946

■ 52.1386, 44.3816,
47.9775

■ 32.5940, 16.7007,
6.2919

■ 58.1535, 53.6226,
58.5796

■ 32.5875, 16.6945,
6.2690

■ 65.1240, 64.4510,
70.4989

■ 73.0902, 76.9370,
83.7794

■ 82.0899, 91.1465,
98.4630

■ 85.4886, 95.0709,
108.4525

Harmonies

Analogous

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



38.0490, 25.3980, 45.0776



39.3821, 25.3980, 23.5955



36.0629, 25.3980, 10.9295

Triad

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



39.3821, 25.3980, 23.5955



17.2221, 25.3980, 7.3208



19.3700, 25.3980, 77.4273

Complementary

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



39.3821, 25.3980, 23.5955



40.9703, 60.8371, 57.7315

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.



15.1857, 25.3980, 56.1311



39.3821, 25.3980, 23.5955



14.1159, 25.3980, 15.4220

Square

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



39.3821, 25.3980, 23.5955



22.6778, 25.3980, 4.7783



13.4464, 25.3980, 32.1533



25.6638, 25.3980, 83.0959

Rectangle

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



39.3821, 25.3980, 23.5955



31.9657, 25.3980, 6.8329



13.4464, 25.3980, 32.1533



17.7087, 25.3980, 71.4983

Sweetspot

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



39.3828, 25.3994, 23.5959



77.2395, 72.1798, 78.9145



38.4616, 23.7805, 75.2360



16.0006, 14.6273, 15.9691



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.



39.3828, 25.3994, 23.5959



47.0747, 27.2399, 21.4151



40.3407, 30.6333, 13.6859



14.5416, 14.4338, 15.7867



19.0479, 9.7534, 3.8814



1.4462, 0.7362, 0.4902

Inverse Universe

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



39.3828, 25.3994, 23.5959



47.0747, 27.2399, 21.4151



38.2682, 47.9465, 79.9107



14.5416, 14.4338, 15.7867



19.0479, 9.7534, 3.8814



1.4462, 0.7362, 0.4902

Previews

White Background



This preview shows how the XYZ color 39.3821, 25.3980, 23.5955 looks on a white background.

Color Contrast Check

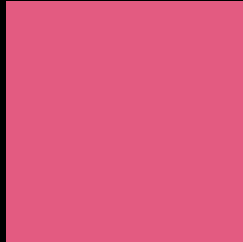
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.3821, 25.3980, 23.5955 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 39.3821, 25.3980, 23.5955

Background



This preview shows how black text looks on a background with the XYZ color 39.3821, 25.3980, 23.5955.



This preview shows how white text looks on a background with the XYZ color 39.3821, 25.3980,

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

39.3821, 25.3980, 23.5955

Protanopia

25.0154, 25.4921, 34.6124

Deuteranopia

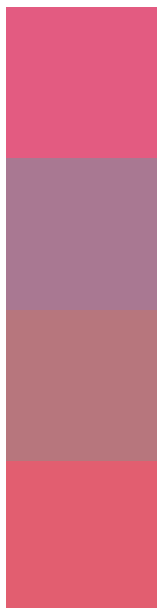
26.0632, 25.4742, 22.2822



Tritanopia

37.6824, 25.3526, 15.7394

Trichromacy



Original Color

39.3821, 25.3980, 23.5955

Protanomaly

28.2670, 23.9433, 30.3258

Deuteranomaly

29.7085, 24.5048, 22.5661

Tritanomaly

38.2914, 25.3440, 18.2029

Monochromacy



Original Color

39.3821, 25.3980, 23.5955

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

27.3123, 23.5614, 25.2986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3821, 25.3980, 23.5955 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, 91, 129)` looks like.

```
.text, #text, p{  
    color:rgb(227, 91, 129)  
}
```

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, 91, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 91, 129) }
```

Border

The CSS property to change the border of an element to XYZ 39.3821, 25.3980, 23.5955 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, 91, 129) }
```


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

```
.border{ border-color:rgb(227, 91, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 91, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 91, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 91, 129);  
box-shadow:4px 4px 4px 4px rgb(227, 91,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3821, 25.3980, 23.5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 91, 129) }
```

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

```
.background{ background-color: rgb(227, 91,  
129) }
```

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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