

Converting Colors

XYZ(39.5793, 25.6818, 23.5616)

Have a look what the booklet for
XYZ(39.5793, 25.6818, 23.5616)
contains.

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Color

**XYZ(39.4681, 25.5702,
23.6242)**

Conversions

Conversions Part 1

Format	Color
Hex	E35C81
RGB	227, 92, 129
RGB Percent	89%, 36%, 51%
CMY	0.1098, 0.6392, 0.4941
CMYK	0.00, 0.59, 0.43, 0.11
HSL	344°, 71%, 63%
HSV	344°, 59%, 89%
XYZ	39.4681, 25.5702, 23.6242
YIQ	136.5830, 68.5830, 40.1270

Conversions

Conversions Part 2

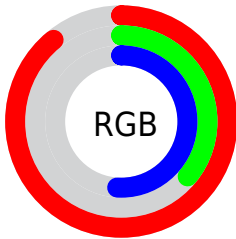
Format	Color
R _Y B	227, 92, 129
Decimal	14900353
CIE Lab	57.63, 55.67, 6.76
CIE LCh	58, 56.079, 6.927
Yxy	25.5702, 0.4451, 0.2884
Android (android.graphics.Color)	4293090433 (0xFFE35C81)
YUV	136.5830, -3.7384, 79.2957
Hunter-Lab	50.5670, 50.8290, 7.6974

Details

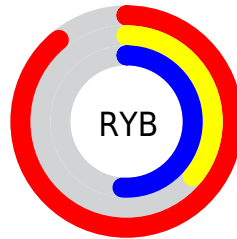
The XYZ color **39.4681, 25.5702, 23.6242** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **41.1785, 60.9317, 58.3101**, and the grayscale version is **23.6172, 24.8472, 27.0586**.

A 20% lighter version of the original color is **60.1172, 45.5048, 49.8708**, and **17.9282, 9.8824, 8.5520** is the 20% darker color. If you saturate the color by 10%, you get **36.7793, 21.8066, 17.7524**, and if you desaturate by 10%, it is **42.9239, 30.5851, 30.6237**.

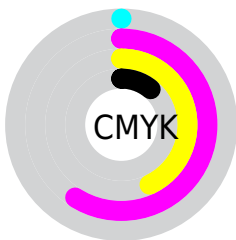
Distribution



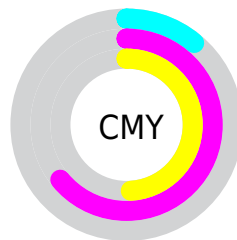
- Red (89%)
- Green (36%)
- Blue (51%)



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



- Cyan (0%)
- Magenta (59%)
- Yellow (43%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4681, 25.5702, 23.6242 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 39.4681, 25.5702, 23.6242 by changing the saturation by 10% instead.


 39.4681, 25.5702,
23.6242


 39.4681, 25.5702,
23.6242

335.0496,
280.6658, 284.1401


 27.3064, 16.5024,
14.8455


 73.6424, 52.5808,
50.3524


 17.9413, 9.8803,
8.5656


 96.3857, 71.2923,
69.1389

 11.0073, 5.3197,
4.3660


 123.3869, 93.9872,
92.0984

 6.1391, 2.4360,
1.8282

 155.0115,
121.0498, 119.6495

 2.9713, 0.8443,
0.4465

191.6247,
152.8646, 152.2107

 1.1386, 0.0000,
0.0000

233.5918,

 0.0570, 0.0000,

189.8159, 190.2005

0.0000

281.2783,
232.2882, 234.0374

■ 0.0000, 0.0000,
0.0000

■ 39.4681, 25.5702,
23.6242

■ 39.4681, 25.5702,
23.6242

■ 36.7793, 21.8066,
17.7524

■ 42.9239, 30.5851,
30.6237

■ 34.7926, 19.1780,
12.9444

■ 47.2002, 36.9456,
38.8070

■ 33.4350, 17.5531,
9.1308

■ 52.3480, 44.7420,
48.2279

■ 32.5911, 16.7169,
6.2237

■ 58.4134, 54.0552,
58.9362

■ 32.5536, 16.6809,
6.0910

■ 65.4393, 64.9601,
70.9792

■ 73.4656, 77.5268,
84.4014

■ 82.5302, 91.8211,
99.2453

■ 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



38.1883, 25.5702, 44.9498



39.4681, 25.5702, 23.6242



36.1263, 25.5702, 11.0364

Triad

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



39.4681, 25.5702, 23.6242



17.3558, 25.5702, 7.5356



19.5962, 25.5702, 77.4541

Complementary

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



39.4681, 25.5702, 23.6242



41.1785, 60.9317, 58.3101

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.



15.3908, 25.5702, 56.4144



39.4681, 25.5702, 23.6242



14.2731, 25.5702, 15.7403

Square

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



39.4681, 25.5702, 23.6242



22.7827, 25.5702, 4.9278



13.6263, 25.5702, 32.5332



25.8910, 25.5702, 82.8815

Rectangle

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



39.4681, 25.5702, 23.6242



32.0341, 25.5702, 6.9555



13.6263, 25.5702, 32.5332



17.9292, 25.5702, 71.6200

Sweetspot

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



39.4688, 25.5716, 23.6246



77.2067, 72.1667, 78.7416



38.6178, 23.9889, 75.2677



15.9927, 14.6241, 15.9275



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.



39.4688, 25.5716, 23.6246



47.2960, 27.5951, 21.7581



40.4791, 30.8408, 13.9465



14.5384, 14.4326, 15.7698



19.0276, 9.7453, 3.7745



1.4443, 0.7354, 0.4804

Inverse Universe

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



39.4688, 25.5716, 23.6246



47.2960, 27.5951, 21.7581



38.4169, 48.0964, 79.9315



14.5384, 14.4326, 15.7698



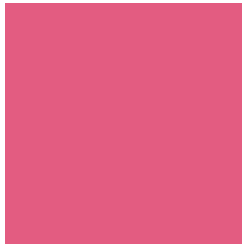
19.0276, 9.7453, 3.7745



1.4443, 0.7354, 0.4804

Previews

White Background



This preview shows how the XYZ color 39.4681, 25.5702, 23.6242 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 39.4681, 25.5702, 23.6242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

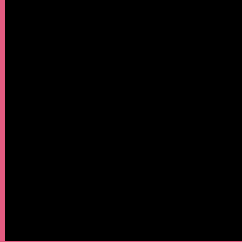
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.4681, 25.5702, 23.6242

Background



This preview shows how black text looks on a background with the XYZ color 39.4681, 25.5702, 23.6242.

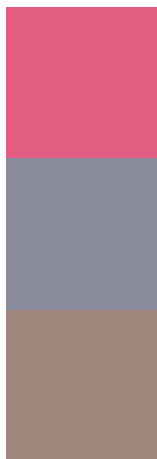


This preview shows how white text looks on a background with the XYZ color 39.4681, 25.5702,

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

39.4681, 25.5702, 23.6242

Protanopia

25.3214, 25.8619, 34.6676

Deuteranopia

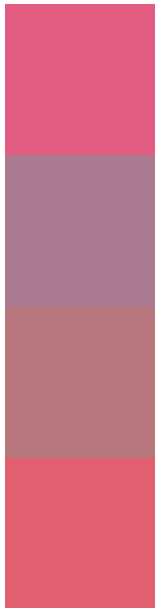
26.2008, 25.7494, 22.3281



Tritanopia

37.7742, 25.5362, 15.7700

Trichromacy



Original Color

39.4681, 25.5702, 23.6242

Protanomaly

28.6032, 24.2961, 30.3762

Deuteranomaly

29.8269, 24.7416, 22.6056

Tritanomaly

38.3809, 25.5230, 18.2328

Monochromacy



Original Color

39.4681, 25.5702, 23.6242

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

27.7180, 23.9420, 25.7146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4681, 25.5702, 23.6242 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, 92, 129)` looks like.

```
.text, #text, p{  
  color:rgb(227, 92, 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, 92, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 92, 129) }
```

Border

The CSS property to change the border of an element to XYZ 39.4681, 25.5702, 23.6242 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, 92, 129) }
```


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

```
.border{ border-color:rgb(227, 92, 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, 92, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 92, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 92, 129);  
box-shadow:4px 4px 4px 4px rgb(227, 92,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4681, 25.5702, 23.6242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 92, 129) }
```

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

```
.background{ background-color: rgb(227, 92,  
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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