

Converting Colors

XYZ(39.9227, 25.8393, 23.7112)

Have a look what the booklet for
XYZ(39.9227, 25.8393, 23.7112)
contains.

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Color

**XYZ(39.7845, 25.7333,
23.6390)**

Conversions

Conversions Part 1

Format	Color
Hex	E45C81
RGB	228, 92, 129
RGB Percent	89%, 36%, 51%
CMY	0.1059, 0.6392, 0.4941
CMYK	0.00, 0.60, 0.43, 0.11
HSL	344°, 72%, 63%
HSV	344°, 60%, 89%
XYZ	39.7845, 25.7333, 23.6390
YIQ	136.8820, 69.1790, 40.3390

Conversions

Conversions Part 2

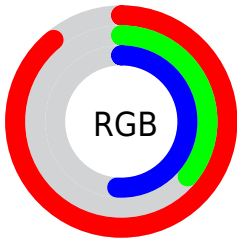
Format	Color
R _Y B	228, 92, 129
Decimal	14965889
CIE Lab	57.78, 55.99, 7.01
CIE LCh	58, 56.427, 7.134
Yxy	25.7333, 0.4462, 0.2886
Android (android.graphics.Color)	4293155969 (0xFFE45C81)
YUV	136.8820, -3.8858, 79.9105
Hunter-Lab	50.7280, 51.2184, 7.8808

Details

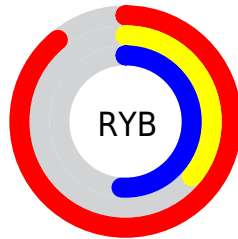
The XYZ color **39.7845, 25.7333, 23.6390** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **41.5626, 61.5243, 58.9794**, and the grayscale version is **23.7303, 24.9661, 27.1881**.

A 20% lighter version of the original color is **60.2734, 45.8172, 49.9228**, and **18.1403, 9.9917, 8.5619** is the 20% darker color. If you saturate the color by 10%, you get **37.0829, 21.9547, 17.7302**, and if you desaturate by 10%, it is **43.2608, 30.7746, 30.6907**.

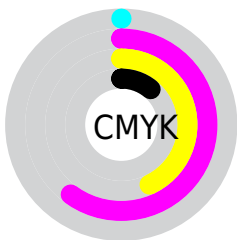
Distribution



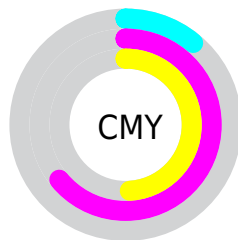
- Red (89%)
- Green (36%)
- Blue (51%)



- 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 39.7845, 25.7333, 23.6390 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 39.7845, 25.7333, 23.6390 by changing the saturation by 10% instead.


 39.7845, 25.7333,
23.6390


 39.7845, 25.7333,
23.6390


336.3645,
281.4704, 284.2178

 27.5540, 16.6242,
14.8563


 74.1217, 52.8444,
50.3769


 18.1285, 9.9669,
8.5731


 96.9591, 71.6152,
69.1692

 11.1425, 5.3770,
4.3708


 124.0628, 94.3753,
92.1351

 6.2308, 2.4701,
1.8309

 155.7983,
121.5093, 119.6931

 3.0279, 0.8616,
0.4482

192.5309,
153.4013, 152.2619

 1.1685, 0.0000,
0.0000

234.6258,

 0.0813, 0.0000,

190.4359, 190.2599

0.0000

282.4486,
232.9975, 234.1057

■ 0.0000, 0.0000,
0.0000

■ 39.7845, 25.7333,
23.6390

■ 39.7845, 25.7333,
23.6390

■ 37.0829, 21.9547,
17.7302

■ 43.2608, 30.7746,
30.6907

■ 35.0902, 19.3209,
12.8991

■ 47.5663, 37.1743,
38.9424

■ 33.7323, 17.6987,
9.0749

■ 52.7524, 45.0237,
48.4490

■ 32.8899, 16.8660,
6.1675

■ 58.8661, 54.4048,
59.2613

■ 32.8649, 16.8420,
6.0790

■ 65.9506, 65.3935,
71.4272

■ 74.0465, 78.0607,
84.9922

■ 83.1922, 92.4729,
99.9997

■ 85.8048, 95.2339,
108.4673

Harmonies

Analogous

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



38.5225, 25.7333, 45.1477



39.7845, 25.7333, 23.6390



36.3750, 25.7333, 11.0000

Triad

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



39.7845, 25.7333, 23.6390



17.4112, 25.7333, 7.5669



19.7407, 25.7333, 78.3284

Complementary

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



39.7845, 25.7333, 23.6390



41.5626, 61.5243, 58.9794

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.



15.4787, 25.7333, 57.0927



39.7845, 25.7333, 23.6390



14.3172, 25.7333, 15.8849

Square

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



39.7845, 25.7333, 23.6390



22.8772, 25.7333, 4.9172



13.6815, 25.7333, 32.9096



26.1115, 25.7333, 83.6877

Rectangle

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



39.7845, 25.7333, 23.6390



32.2258, 25.7333, 6.9207



13.6815, 25.7333, 32.9096



18.0522, 25.7333, 72.4535

Sweetspot

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



39.7852, 25.7347, 23.6395



77.1943, 72.1617, 78.6765



38.9342, 24.1360, 76.0053



15.9897, 14.6229, 15.9118



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.



39.7852, 25.7347, 23.6395



46.9910, 27.2064, 20.9742



40.8220, 31.0568, 13.9701



14.5372, 14.4321, 15.7635



19.0201, 9.7422, 3.7347



1.4436, 0.7352, 0.4768

Inverse Universe

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



39.7852, 25.7347, 23.6395



46.9910, 27.2064, 20.9742



38.7346, 48.5103, 80.7205



14.5372, 14.4321, 15.7635



19.0201, 9.7422, 3.7347



1.4436, 0.7352, 0.4768

Previews

White Background



This preview shows how the XYZ color 39.7845, 25.7333, 23.6390 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 39.7845, 25.7333, 23.6390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

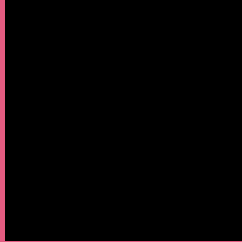
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.7845, 25.7333, 23.6390

Background



This preview shows how black text looks on a background with the XYZ color 39.7845, 25.7333, 23.6390.



This preview shows how white text looks on a background with the XYZ color 39.7845, 25.7333,

23.6390.

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

39.7845, 25.7333, 23.6390

Protanopia

25.3214, 25.8619, 34.6676

Deuteranopia

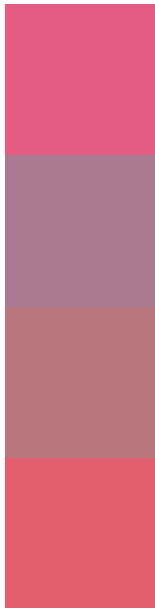
26.3983, 25.8512, 22.3373



Tritanopia

38.0869, 25.6974, 15.7847

Trichromacy



Original Color

39.7845, 25.7333, 23.6390

Protanomaly

28.6032, 24.2961, 30.3762

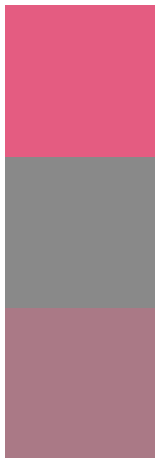
Deuteranomaly

30.0657, 24.8647, 22.6168

Tritanomaly

38.6954, 25.6852, 18.2475

Monochromacy



Original Color

39.7845, 25.7333, 23.6390

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 39.7845, 25.7333, 23.6390 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(228, 92, 129)` looks like.

```
.text, #text, p{  
  color:rgb(228, 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(228, 92, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 92, 129) }
```

Border

The CSS property to change the border of an element to XYZ 39.7845, 25.7333, 23.6390 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(228, 92, 129) }
```


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

```
.border{ border-color:rgb(228, 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(228, 92, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 92, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 92, 129);  
box-shadow:4px 4px 4px 4px rgb(228, 92,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7845, 25.7333, 23.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 92, 129) }
```

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

```
.background{ background-color: rgb(228, 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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