

Converting Colors

XYZ(39.5826, 25.1369, 28.7529)

Have a look what the booklet for
XYZ(39.5826, 25.1369, 28.7529)
contains.

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Color

**XYZ(39.5816, 25.1355,
28.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	E1598F
RGB	225, 89, 143
RGB Percent	88%, 35%, 56%
CMY	0.1176, 0.6509, 0.4392
CMYK	0.00, 0.60, 0.36, 0.12
HSL	336°, 69%, 62%
HSV	336°, 60%, 88%
XYZ	39.5816, 25.1355, 28.7520
YIQ	135.8200, 63.7220, 45.6260

Conversions

Conversions Part 2

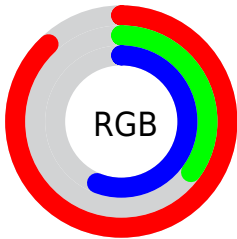
Format	Color
R _Y B	225, 89, 143
Decimal	14768527
CIE Lab	57.21, 57.84, -2.09
CIE LCh	57, 57.873, 357.928
Yxy	25.1355, 0.4235, 0.2689
Android (android.graphics.Color)	4292958607 (0xFFE1598F)
YUV	135.8200, 3.5397, 78.2109
Hunter-Lab	50.1353, 53.1881, 1.0926

Details

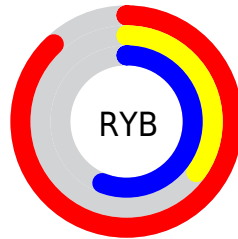
The XYZ color **39.5816, 25.1355, 28.7520** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **38.3972, 58.9151, 47.8799**, and the grayscale version is **23.3060, 24.5197, 26.7020**.

A 20% lighter version of the original color is **61.4434, 45.5420, 58.3754**, and **18.0936, 9.6812, 11.2709** is the 20% darker color. If you saturate the color by 10%, you get **37.0207, 21.5601, 23.1306**, and if you desaturate by 10%, it is **42.8402, 29.9072, 35.2197**.

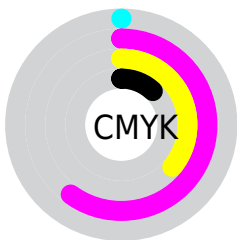
Distribution



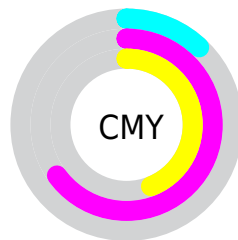
- Red (88%)
- Green (35%)
- Blue (56%)



- Red (88%)
- Yellow (35%)
- Blue (56%)



- Cyan (0%)
- Magenta (60%)
- Yellow (36%)
- Black (12%)




- Cyan (12%)
- Magenta (65%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5816, 25.1355, 28.7520 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 39.5816, 25.1355, 28.7520 by changing the saturation by 10% instead.


 39.5816, 25.1355,
28.7520


 39.5816, 25.1355,
28.7520


335.5217,
278.5121, 310.0673


 27.3952, 16.1780,
18.6493


 73.8144, 51.8770,
58.7203


 18.0084, 9.6502,
11.2429


 96.5915, 70.4297,
79.4230

 11.0557, 5.1677,
6.1143


 123.6295, 92.9498,
104.4962

 6.1719, 2.3460,
2.8448

 155.2939,
119.8214, 134.3583

 2.9915, 0.7979,
1.0159

191.9500,
151.4290, 169.4279

 1.1493, 0.0000,
0.0000

233.9630,

 0.0658, 0.0000,

188.1571, 210.1236

0.0000

281.6985,
230.3900, 256.8639

■ 0.0000, 0.0000,
0.0000

■ 39.5816, 25.1355,
28.7520

■ 39.5816, 25.1355,
28.7520

■ 37.0207, 21.5601,
23.1306

■ 42.8402, 29.9072,
35.2197

■ 35.0969, 19.0674,
18.3129

■ 46.8459, 35.9673,
42.5702

■ 33.7421, 17.5280,
14.2533

■ 51.6456, 43.4035,
50.8390

■ 32.8684, 16.7344,
11.0219

■ 57.2818, 52.2945,
60.0592

■ 63.7937, 62.7130,
70.2621

■ 71.2182, 74.7268,
81.4772

■ 79.5898, 88.3997,
93.7328

■ 84.3084, 94.5264,
105.5120

■ 84.8613, 94.7475,
108.4232

Harmonies

Analogous

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



36.8501, 25.1355, 52.6192



39.5816, 25.1355, 28.7520



37.4881, 25.1355, 13.2517

Triad

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



39.5816, 25.1355, 28.7520



18.2477, 25.1355, 5.7618



17.5685, 25.1355, 73.2685

Complementary

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



39.5816, 25.1355, 28.7520



38.3972, 58.9151, 47.8799

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.



14.0569, 25.1355, 49.0578



39.5816, 25.1355, 28.7520



14.3932, 25.1355, 11.8506

Square

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



39.5816, 25.1355, 28.7520



24.3689, 25.1355, 4.3525



13.0148, 25.1355, 26.0297



23.4185, 25.1355, 84.8611

Rectangle

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



39.5816, 25.1355, 28.7520



33.8252, 25.1355, 7.8556



13.0148, 25.1355, 26.0297



16.1207, 25.1355, 65.9032

Sweetspot

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



39.5823, 25.1368, 28.7524



77.9748, 72.4739, 82.7865



33.8719, 21.1958, 73.5400



16.1782, 14.6983, 16.9042



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.



39.5823, 25.1368, 28.7524



48.2984, 27.4736, 28.6473



37.6661, 26.3515, 12.5541



13.9315, 13.7902, 15.4095



18.9942, 9.6647, 6.6350



1.3598, 0.6872, 0.6877

Inverse Universe

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



39.5823, 25.1368, 28.7524



48.2984, 27.4736, 28.6473



41.1051, 54.3483, 79.5579



13.9315, 13.7902, 15.4095



18.9942, 9.6647, 6.6350



1.3598, 0.6872, 0.6877

Previews

White Background



This preview shows how the XYZ color 39.5816, 25.1355, 28.7520 looks on a white background.

Color Contrast Check

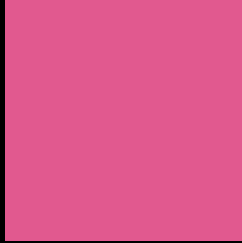
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5816, 25.1355, 28.7520 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 39.5816, 25.1355, 28.7520

Background



This preview shows how black text looks on a background with the XYZ color 39.5816, 25.1355, 28.7520.



This preview shows how white text looks on a background with the XYZ color 39.5816, 25.1355,

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

39.5816, 25.1355, 28.7520

Protanopia

25.4002, 25.2926, 43.0784

Deuteranopia

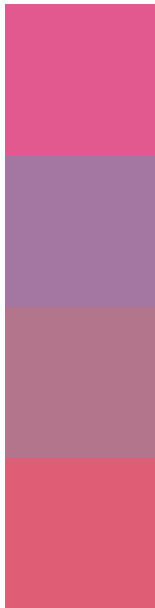
25.7804, 25.2280, 26.8033



Tritanopia

36.8976, 25.0785, 15.9926

Trichromacy



Original Color

39.5816, 25.1355, 28.7520

Protanomaly

28.4283, 23.6948, 37.2576

Deuteranomaly

29.6119, 24.1704, 27.5307

Tritanomaly

37.7041, 25.0014, 19.9781

Monochromacy



Original Color

39.5816, 25.1355, 28.7520

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

27.4055, 23.3826, 27.4950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5816, 25.1355, 28.7520 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(225, 89, 143)` looks like.

```
.text, #text, p{  
    color:rgb(225, 89, 143)  
}
```

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(225, 89, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 89, 143) }
```

Border

The CSS property to change the border of an element to XYZ 39.5816, 25.1355, 28.7520 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(225, 89, 143) }
```


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

```
.border{ border-color:rgb(225, 89, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 89, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 89, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 89, 143);  
box-shadow:4px 4px 4px 4px rgb(225, 89,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5816, 25.1355, 28.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 89, 143) }
```

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

```
.background{ background-color: rgb(225, 89,  
143) }
```

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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