

Converting Colors

XYZ(39.5355, 19.8545, 25.6515)

Have a look what the booklet for
XYZ(39.5355, 19.8545, 25.6515)
contains.

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Color

**XYZ(39.5125, 19.8395,
25.7916)**

Conversions

Conversions Part 1

Format	Color
Hex	ED008A
RGB	237, 0, 138
RGB Percent	93%, 0%, 54%
CMY	0.0706, 0.9998, 0.4588
CMYK	0.00, 1.00, 0.42, 0.07
HSL	325°, 100%, 46%
HSV	325°, 100%, 93%
XYZ	39.5125, 19.8395, 25.7916
YIQ	86.5950, 96.9540, 93.1620

Conversions

Conversions Part 2

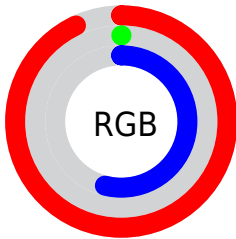
Format	Color
RYB	237, 0, 138
Decimal	15532170
CIELab	51.66, 81.55, -7.10
CIELCh	52, 81.857, 355.024
Yxy	19.8395, 0.4641, 0.2330
Android (android.graphics.Color)	4293722250 (0xFFED008A)
YUV	86.5950, 25.3427, 131.9052
Hunter-Lab	44.5416, 80.3984, -3.1525

Details

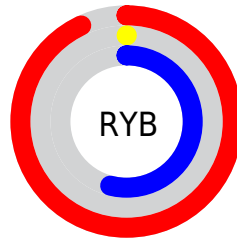
The XYZ color **39.5125, 19.8395, 25.7916** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **32.5395, 61.4705, 21.9677**, and the grayscale version is **8.9115, 9.3756, 10.2100**.

A 20% lighter version of the original color is **54.8268, 33.3873, 52.8449**, and **19.4406, 9.8185, 10.1031** is the 20% darker color. If you saturate the color by 10%, you get **39.5109, 19.8388, 25.7832**, and if you desaturate by 10%, it is **40.5842, 20.7827, 29.8489**.

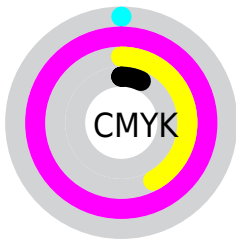
Distribution



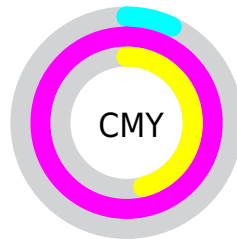
- Red (93%)
- Green (0%)
- Blue (54%)



- Red (93%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (7%)





- Cyan (7%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5125, 19.8395, 25.7916 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 39.5125, 19.8395, 25.7916 by changing the saturation by 10% instead.


 39.5125, 19.8395,
25.7916


 39.5125, 19.8395,
25.7916

335.2343,
251.0449, 295.3304


 27.3412, 12.2784,
16.4434


 73.7097, 43.1479,
53.9185


 17.9675, 6.9336,
9.6807


 96.4662, 59.6641,
73.5343


 11.0262, 3.4206,
5.0850


 123.4819, 79.9340,
97.4098

 6.1519, 1.3551,
2.2376

 155.1220,
104.3422, 125.9634

 2.9792, 0.1832,
0.6959

 191.7519,
133.2730, 159.6137

 1.1428, 0.0000,
0.0000

 233.7371,

 0.0605, 0.0000,

167.1108, 198.7793

0.0000

281.4427,
206.2400, 243.8787

■ 0.0000, 0.0000,
0.0000

■ 39.5125, 19.8395,
25.7916

■ 39.5125, 19.8395,
25.7916

■ 39.5109, 19.8388,
25.7832

■ 40.5842, 20.7827,
29.8489

■ 42.1145, 22.5359,
34.3898

■ 44.2286, 25.3468,
39.4641

■ 47.0007, 29.3612,
45.1040

■ 50.4933, 34.7019,
51.3380

■ 54.7613, 41.4762,
58.1915

■ 59.8539, 49.7805,
65.6880

■ 65.8162, 59.7026,
73.8492

■ 72.6900, 71.3237,
82.6956

Harmonies

Analogous

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



35.0903, 19.8395, 59.5640



39.5125, 19.8395, 25.7916



37.2157, 19.8395, 7.5103

Triad

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



39.5125, 19.8395, 25.7916



12.9059, 19.8395, 1.0429



11.1404, 19.8395, 84.3992

Complementary

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



39.5125, 19.8395, 25.7916



32.5395, 61.4705, 21.9677

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.



7.8176, 19.8395, 47.1136



39.5125, 19.8395, 25.7916



8.6087, 19.8395, 4.6133

Square

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



39.5125, 19.8395, 25.7916



20.2681, 19.8395, 0.5252



7.0488, 19.8395, 17.8923



17.5127, 19.8395, 105.9623

Rectangle

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



39.5125, 19.8395, 25.7916



32.4547, 19.8395, 2.7587



7.0488, 19.8395, 17.8923



9.7127, 19.8395, 72.3852

Sweetspot

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



39.5131, 19.8407, 25.7919



70.5844, 58.6299, 77.4348



20.4083, 8.7559, 80.7351



14.5382, 11.6145, 15.7530



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.



39.5131, 19.8407, 25.7919



46.6216, 23.4126, 30.2690



35.0501, 18.0555, 2.2902



15.4332, 15.2011, 17.5667



21.6384, 10.8581, 14.4293



1.7469, 0.8717, 1.3847

Inverse Universe

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



39.5131, 19.8407, 25.7919



46.6216, 23.4126, 30.2690



42.8423, 65.5917, 76.2217



15.4332, 15.2011, 17.5667



21.6384, 10.8581, 14.4293



1.7469, 0.8717, 1.3847

Previews

White Background



This preview shows how the XYZ color 39.5125, 19.8395, 25.7916 looks on a white background.

Color Contrast Check

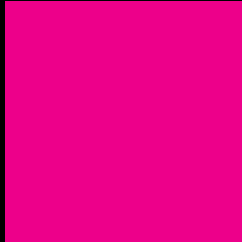
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5125, 19.8395, 25.7916 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 39.5125, 19.8395, 25.7916

Background



This preview shows how black text looks on a background with the XYZ color 39.5125, 19.8395, 25.7916.



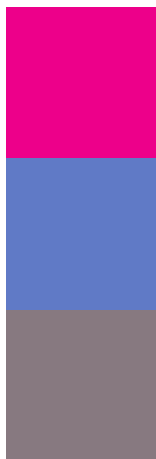
This preview shows how white text looks on a background with the XYZ color 39.5125, 19.8395,

25.7916.

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

39.5125, 19.8395, 25.7916

Protanopia

21.9764, 20.4831, 56.2214

Deuteranopia

20.7253, 20.3842, 23.2643



Tritanopia

35.3587, 20.1737, 5.7717

Trichromacy



Original Color

39.5125, 19.8395, 25.7916



Protanomaly

22.5935, 14.7864, 42.7376



Deuteranomaly

23.8320, 15.7444, 23.6127



Tritanomaly

36.2124, 19.3664, 10.6336

Monochromacy



Original Color

39.5125, 19.8395, 25.7916



Achromatopsia

9.0590, 9.5307, 10.3790



Achromatomaly

15.1230, 9.5238, 14.6769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5125, 19.8395, 25.7916 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(237, 0, 138)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 138)  
}
```

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(237, 0, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 138) }
```

Border

The CSS property to change the border of an element to XYZ 39.5125, 19.8395, 25.7916 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(237, 0, 138) }
```


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

```
.border{ border-color:rgb(237, 0, 138) }
```

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

Here you see how a box with a 4 pixel rgb(237, 0, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 138);  
box-shadow:4px 4px 4px 4px rgb(237, 0,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5125, 19.8395, 25.7916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 0, 138) }
```

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

```
.background{ background-color: rgb(237, 0,  
138) }
```

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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