

Converting Colors

XYZ(39.0313, 19.9625, 9.0037)

Have a look what the booklet for
XYZ(39.0313, 19.9625, 9.0037)
contains.

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Color

**XYZ(39.0313, 19.9625,
9.0037)**

Conversions

Conversions Part 1

Format	Color
Hex	F5004E
RGB	245, 0, 78
RGB Percent	96%, 0%, 31%
CMY	0.0392, 0.9998, 0.6941
CMYK	0.00, 1.00, 0.68, 0.04
HSL	341°, 100%, 48%
HSV	341°, 100%, 96%
XYZ	39.0313, 19.9625, 9.0037
YIQ	82.1470, 120.9820, 76.1980

Conversions

Conversions Part 2

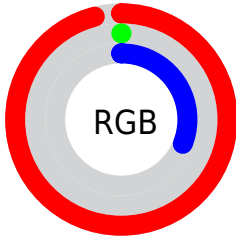
Format	Color
RYB	245, 0, 78
Decimal	16056398
CIELab	51.79, 79.43, 29.75
CIELCh	52, 84.816, 20.537
Yxy	19.9625, 0.5740, 0.2936
Android (android.graphics.Color)	4294246478 (0xFF5004E)
YUV	82.1470, -2.0445, 142.8221
Hunter-Lab	44.6794, 77.7461, 19.3276

Details

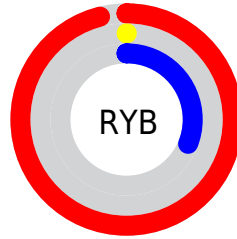
The XYZ color **39.0313, 19.9625, 9.0037** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **39.6337, 68.0970, 47.6439**, and the grayscale version is **8.0433, 8.4622, 9.2153**.

A 20% lighter version of the original color is **49.2536, 31.1580, 23.4968**, and **19.1258, 9.8246, 2.4784** is the 20% darker color. If you saturate the color by 10%, you get **39.0296, 19.9618, 8.9958**, and if you desaturate by 10%, it is **40.0464, 20.9099, 12.6815**.

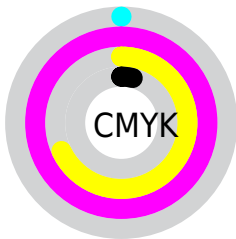
Distribution



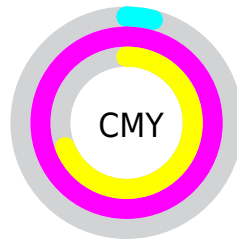
- Red (96%)
- Green (0%)
- Blue (31%)



- Red (96%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (68%)
- Black (4%)





- Cyan (4%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0313, 19.9625, 9.0037 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 39.0313, 19.9625, 9.0037 by changing the saturation by 10% instead.


 39.0313, 19.9625,
9.0037

 39.0313, 19.9625,
9.0037


333.2284,
251.7120, 193.6246


 26.9649, 12.3678,
4.6467


 72.9799, 43.3543,
24.4817

 17.6833, 6.9947,
1.9864


 95.5928, 59.9202,
36.4398


 10.8212, 3.4588,
0.5469


 122.4520, 80.2452,
51.7688

 6.0131, 1.3757,
0.0000

 153.9227,
104.7139, 70.8871

 2.8938, 0.1987,
0.0000

 190.3703,
133.7105, 94.2133

 1.0979, 0.0000,
0.0000

 232.1603,

 0.0233, 0.0000,

167.6194, 122.1659

0.0000

279.6578,
206.8252, 155.1635

■ 0.0000, 0.0000,
0.0000

■ 39.0313, 19.9625,
9.0037

■ 39.0313, 19.9625,
9.0037

■ 39.0296, 19.9618,
8.9958

■ 40.0464, 20.9099,
12.6815

■ 41.6486, 22.7709,
17.3572

■ 43.9793, 25.8131,
23.1255

■ 47.1261, 30.1980,
30.0590

■ 51.1637, 36.0614,
38.2235

■ 56.1577, 43.5224,
47.6789

■ 62.1675, 52.6877,
58.4810

■ 69.2472, 63.6549,
70.6820

■ 77.4472, 76.5141,
84.3314

Harmonies

Analogous

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



40.3812, 19.9625, 30.4802



39.0313, 19.9625, 9.0037



31.5307, 19.9625, 1.8489

Triad

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



39.0313, 19.9625, 9.0037



8.8634, 19.9625, 3.4000



16.3850, 19.9625, 109.7833

Complementary

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



39.0313, 19.9625, 9.0037



39.6337, 68.0970, 47.6439

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.



10.2911, 19.9625, 82.5506



39.0313, 19.9625, 9.0037



6.8977, 19.9625, 14.8476

Square

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



39.0313, 19.9625, 9.0037



13.7480, 19.9625, 0.6904



7.3266, 19.9625, 42.9185



25.3798, 19.9625, 102.9725

Rectangle

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



39.0313, 19.9625, 9.0037



25.0282, 19.9625, 0.6524



7.3266, 19.9625, 42.9185



13.9841, 19.9625, 103.8302

Sweetspot

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



39.0318, 19.9638, 9.0040



68.0207, 57.6044, 63.9350



31.6587, 14.4178, 87.4999



13.9351, 11.3733, 12.5767



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.



39.0318, 19.9638, 9.0040



42.7305, 21.8562, 9.7787



38.4452, 20.9904, 2.0270



16.7164, 16.5694, 18.2531



21.0816, 10.7761, 5.1382



1.8976, 0.9650, 0.6873

Inverse Universe

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



39.0318, 19.9638, 9.0040



42.7305, 21.8562, 9.7787



38.1169, 49.8626, 94.0011



16.7164, 16.5694, 18.2531



21.0816, 10.7761, 5.1382



1.8976, 0.9650, 0.6873

Previews

White Background



This preview shows how the XYZ color 39.0313, 19.9625, 9.0037 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 39.0313, 19.9625, 9.0037 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 39.0313, 19.9625, 9.0037

Background



This preview shows how black text looks on a background with the XYZ color 39.0313, 19.9625, 9.0037.



This preview shows how white text looks on a background with the XYZ color 39.0313, 19.9625,

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

39.0313, 19.9625, 9.0037

Protanopia

19.6340, 20.6509, 19.1708

Deuteranopia

20.7468, 20.3712, 8.1488



Tritanopia

38.0226, 20.3453, 2.9599

Trichromacy



Original Color

39.0313, 19.9625, 9.0037



Protanomaly

22.2802, 15.4673, 14.3816



Deuteranomaly

23.9715, 16.0629, 7.7983



Tritanomaly

38.0515, 19.9307, 4.4262

Monochromacy



Original Color

39.0313, 19.9625, 9.0037



Achromatopsia

8.0200, 8.4376, 9.1886



Achromatomaly

13.6977, 8.7128, 8.7444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0313, 19.9625, 9.0037 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(245, 0, 78)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 78)  
}
```

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(245, 0, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 78) }
```

Border

The CSS property to change the border of an element to XYZ 39.0313, 19.9625, 9.0037 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(245, 0, 78) }
```


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

```
.border{ border-color:rgb(245, 0, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 0, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 78);  
box-shadow:4px 4px 4px 4px rgb(245, 0, 78)  
}
```

Background

The CSS property to change the background color of an element to XYZ 39.0313, 19.9625, 9.0037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 78) }
```

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

```
.background{ background-color: rgb(245, 0,  
78) }
```

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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