

Converting Colors

XYZ(43.3428, 23.1004, 18.9262)

Have a look what the booklet for
XYZ(43.3428, 23.1004, 18.9262)
contains.

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Color

**XYZ(43.3940, 23.1259,
19.0063)**

Conversions

Conversions Part 1

Format	Color
Hex	FA2875
RGB	250, 40, 117
RGB Percent	98%, 16%, 46%
CMY	0.0196, 0.8431, 0.5412
CMYK	0.00, 0.84, 0.53, 0.02
HSL	338°, 95%, 57%
HSV	338°, 84%, 98%
XYZ	43.3940, 23.1259, 19.0063
YIQ	111.5680, 100.4430, 68.4670

Conversions

Conversions Part 2

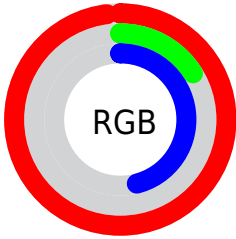
Format	Color
R_{YB}	250, 40, 117
Decimal	16394357
CIE _{Lab}	55.20, 78.10, 10.99
CIE _{LCh}	55, 78.870, 8.008
Yxy	23.1259, 0.5074, 0.2704
Android (android.graphics.Color)	4294584437 (0xFFFA2875)
YUV	111.5680, 2.6780, 121.4049
Hunter-Lab	48.0894, 76.9150, 10.2295

Details

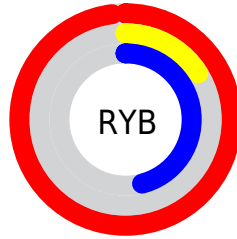
The XYZ color **43.3940, 23.1259, 19.0063** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **42.6061, 71.8404, 51.1663**, and the grayscale version is **15.2495, 16.0436, 17.4715**.

A 20% lighter version of the original color is **54.0859, 35.4935, 41.5364**, and **21.3239, 10.8688, 6.6042** is the 20% darker color. If you saturate the color by 10%, you get **41.9524, 21.6090, 14.3144**, and if you desaturate by 10%, it is **45.5379, 25.7958, 24.7097**.

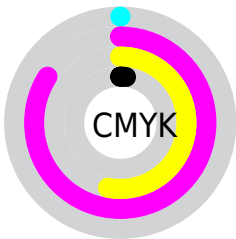
Distribution



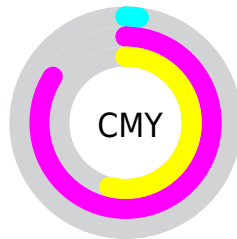
- Red (98%)
- Green (16%)
- Blue (46%)



- Red (98%)
- Yellow (16%)
- Blue (46%)



- Cyan (0%)
- Magenta (84%)
- Yellow (53%)
- Black (2%)





- Cyan (2%)
- Magenta (84%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3940, 23.1259, 19.0063 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 43.3940, 23.1259, 19.0063 by changing the saturation by 10% instead.


 43.3940, 23.1259,
19.0063

 43.3940, 23.1259,
19.0063


351.1237,
268.3710, 258.9074

 30.3902, 14.6865,
11.4980


 79.5571, 48.6000,
42.5816


 20.2845, 8.5997,
6.2845


 103.4471, 66.4034,
59.4856


 12.7115, 4.4810,
2.9472


 131.6966, 88.0970,
80.3586

 7.3058, 1.9461,
1.0678

 164.6710,
114.0652, 105.6192

 3.7021, 0.5759,
0.0000

 202.7355,
144.6922, 135.6858

 1.5350, 0.0000,
0.0000

246.2556,

 0.3495, 0.0000,

180.3626, 170.9770

0.0000

295.5965,
221.4608, 211.9114

■ 0.0000, 0.0000,
0.0000

■ 43.3940, 23.1259,
19.0063

■ 43.3940, 23.1259,
19.0063

■ 41.9524, 21.6090,
14.3144

■ 45.5379, 25.7958,
24.7097

■ 41.3407, 21.0905,
11.9375

■ 48.4806, 29.7992,
31.4925

■ 52.3038, 35.2887,
39.4162

■ 57.0782, 42.3953,
48.5365

■ 62.8667, 51.2351,
58.9047

69.7270, 61.9137,
70.5691

77.7118, 74.5281,
83.5749

86.8707, 89.1684,
97.9652

93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



41.7351, 23.1259, 48.0779



43.3940, 23.1259, 19.0063



38.2189, 23.1259, 5.5591

Triad

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



43.3940, 23.1259, 19.0063



13.1098, 23.1259, 3.0315



16.2256, 23.1259, 102.3123

Complementary

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



43.3940, 23.1259, 19.0063



42.6061, 71.8404, 51.1663

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.



11.1494, 23.1259, 68.4467



43.3940, 23.1259, 19.0063



9.7143, 23.1259, 11.0277

Square

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



43.3940, 23.1259, 19.0063



19.7033, 23.1259, 1.2124



9.1078, 23.1259, 32.5643



24.4267, 23.1259, 110.2987

Rectangle

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



43.3940, 23.1259, 19.0063



32.2365, 23.1259, 2.3736



9.1078, 23.1259, 32.5643



14.1693, 23.1259, 92.8435

Sweetspot

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



43.3946, 23.1273, 19.0067



72.1425, 63.5176, 72.4929



35.2500, 17.3062, 91.9246



14.8822, 12.7217, 14.5750



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.



43.3946, 23.1273, 19.0067



43.2373, 22.0589, 12.4478



41.8757, 24.6137, 4.5532



17.5076, 17.3304, 19.2630



21.9917, 11.2124, 6.6645



2.0859, 1.0581, 0.8756

Inverse Universe

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



43.3946, 23.1273, 19.0067



43.2373, 22.0589, 12.4478



44.2530, 59.5975, 99.6132



17.5076, 17.3304, 19.2630



21.9917, 11.2124, 6.6645



2.0859, 1.0581, 0.8756

Previews

White Background



This preview shows how the XYZ color 43.3940, 23.1259, 19.0063 looks on a white background.

Color Contrast Check

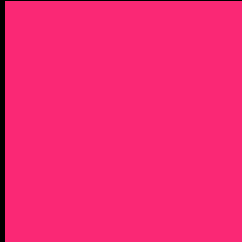
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.3940, 23.1259, 19.0063 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 43.3940, 23.1259, 19.0063

Background



This preview shows how black text looks on a background with the XYZ color 43.3940, 23.1259, 19.0063.



This preview shows how white text looks on a background with the XYZ color 43.3940, 23.1259,

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

43.3940, 23.1259, 19.0063

Protanopia

23.1846, 23.2369, 37.9135

Deuteranopia

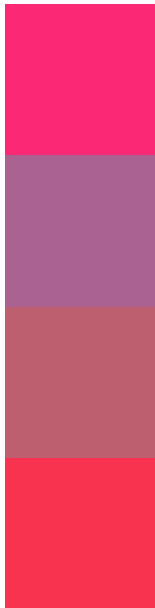
23.5696, 23.1103, 17.1284



Tritanopia

40.6602, 23.1160, 6.4565

Trichromacy



Original Color

43.3940, 23.1259, 19.0063

Protanomaly

26.1336, 19.3567, 29.5530

Deuteranomaly

27.9477, 20.1509, 17.4554

Tritanomaly

41.3432, 22.9033, 9.8312

Monochromacy



Original Color

43.3940, 23.1259, 19.0063

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

21.2653, 15.5519, 17.8006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3940, 23.1259, 19.0063 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(250, 40, 117)` looks like.

```
.text, #text, p{  
    color:rgb(250, 40, 117)  
}
```

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(250, 40, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 40, 117) }
```

Border

The CSS property to change the border of an element to XYZ 43.3940, 23.1259, 19.0063 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(250, 40, 117) }
```


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

```
.border{ border-color:rgb(250, 40, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 40, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 40, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 40, 117);  
box-shadow:4px 4px 4px 4px rgb(250, 40,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3940, 23.1259, 19.0063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 40, 117) }
```

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

```
.background{ background-color: rgb(250, 40,  
117) }
```

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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