

Converting Colors

XYZ(39.3955, 19.8754, 46.1666)

Have a look what the booklet for
XYZ(39.3955, 19.8754, 46.1666)
contains.

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Color

**XYZ(39.2443, 19.8042,
46.0101)**

Conversions

Conversions Part 1

Format	Color
Hex	DF1AB6
RGB	223, 26, 182
RGB Percent	87%, 10%, 71%
CMY	0.1255, 0.8980, 0.2863
CMYK	0.00, 0.88, 0.18, 0.13
HSL	312°, 79%, 49%
HSV	312°, 88%, 87%
XYZ	39.2443, 19.8042, 46.0101
YIQ	102.6870, 67.3360, 90.2800

Conversions

Conversions Part 2

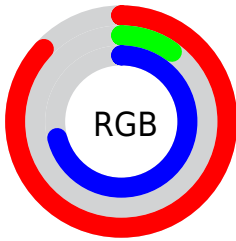
Format	Color
RYB	223, 26, 182
Decimal	14621366
CIELab	51.62, 80.88, -33.50
CIElCh	52, 87.540, 337.497
Yxy	19.8042, 0.3735, 0.1885
Android (android.graphics.Color)	4292811446 (0xFFDF1AB6)
YUV	102.6870, 39.1013, 105.5145
Hunter-Lab	44.5019, 79.5330, -30.1480

Details

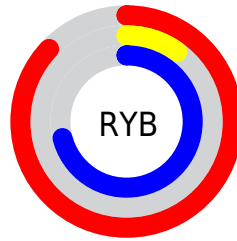
The XYZ color **39.2443, 19.8042, 46.0101** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **27.8282, 53.4010, 14.1544**, and the grayscale version is **12.7006, 13.3620, 14.5512**.

A 20% lighter version of the original color is **61.4240, 36.9358, 84.7808**, and **19.0667, 9.3715, 21.5728** is the 20% darker color. If you saturate the color by 10%, you get **38.4436, 18.9575, 43.4156**, and if you desaturate by 10%, it is **40.4331, 21.4009, 48.8127**.

Distribution



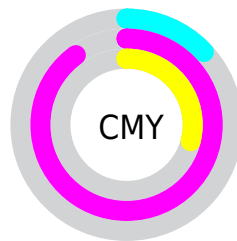
- Red (87%)
- Green (10%)
- Blue (71%)



- Red (87%)
- Yellow (10%)
- Blue (71%)



- Cyan (0%)
- Magenta (88%)
- Yellow (18%)
- Black (13%)





- Cyan (13%)
- Magenta (90%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2443, 19.8042, 46.0101 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 39.2443, 19.8042, 46.0101 by changing the saturation by 10% instead.

 39.2443, 19.8042,
46.0101


 39.2443, 19.8042,
46.0101


334.1173,
250.8532, 387.1280

 27.1314, 12.2528,
31.9051


 73.3031, 43.0887,
85.5686

 17.8090, 6.9161,
21.0248


 95.9796, 59.5905,
111.8591

 10.9118, 3.4097,
12.9507


 122.9082, 79.8446,
143.0485

 6.0744, 1.3492,
7.2643

 154.4540,
104.2354, 179.5553

 2.9315, 0.1788,
3.5470

 190.9825,
133.1473, 221.7982

 1.1176, 0.0000,
1.3803

232.8589,

 0.0398, 0.0000,

166.9646, 270.1955

0.1263

280.4488,
206.0718, 325.1660

■ 0.0000, 0.0000,
0.0000

■ 39.2443, 19.8042,
46.0101

■ 39.2443, 19.8042,
46.0101

■ 38.4436, 18.9575,
43.4156

■ 40.4331, 21.4009,
48.8127

■ 38.3260, 18.8458,
42.9955

■ 42.0961, 23.9207,
51.8524

■ 44.2944, 27.4852,
55.1505

■ 47.0794, 32.1969,
58.7249

■ 50.4963, 38.1460,
62.5912

■ 54.5858, 45.4137,
66.7637

■ 59.3851, 54.0742,
71.2556

■ 64.9287, 64.1963,
76.0791

■ 71.2488, 75.8441,
81.2454

Harmonies

Analogous

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



31.1512, 19.8042, 87.6241



39.2443, 19.8042, 46.0101



41.1451, 19.8042, 15.8258

Triad

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



39.2443, 19.8042, 46.0101



16.6957, 19.8042, 0.1538



8.3184, 19.8042, 66.7096

Complementary

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



39.2443, 19.8042, 46.0101



27.8282, 53.4010, 14.1544

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.



6.5175, 19.8042, 28.5432



39.2443, 19.8042, 46.0101



10.2710, 19.8042, 1.4244

Square

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



39.2443, 19.8042, 46.0101



26.0898, 19.8042, 0.5674



7.0993, 19.8042, 7.8030



13.0493, 19.8042, 104.7760

Rectangle

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



39.2443, 19.8042, 46.0101



38.2336, 19.8042, 6.0123



7.0993, 19.8042, 7.8030



7.4304, 19.8042, 52.6666

Sweetspot

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



39.2450, 19.8052, 46.0105



75.2802, 63.8891, 91.7399



15.8970, 7.2056, 70.3654



15.6609, 12.8643, 19.1965



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.



39.2450, 19.8052, 46.0105



51.8915, 25.5206, 58.0202



32.4457, 17.0855, 10.2061



14.1664, 13.8842, 16.6465



22.5773, 11.0979, 25.5036



1.5960, 0.7817, 1.9315

Inverse Universe

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



39.2450, 19.8052, 46.0105



51.8915, 25.5206, 58.0202



33.5068, 55.6725, 44.0578



14.1664, 13.8842, 16.6465



22.5773, 11.0979, 25.5036



1.5960, 0.7817, 1.9315

Previews

White Background



This preview shows how the XYZ color 39.2443, 19.8042, 46.0101 looks on a white background.

Color Contrast Check

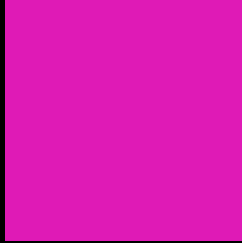
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.2443, 19.8042, 46.0101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

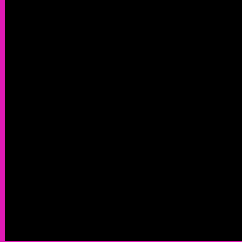
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.2443, 19.8042, 46.0101

Background



This preview shows how black text looks on a background with the XYZ color 39.2443, 19.8042, 46.0101.



This preview shows how white text looks on a background with the XYZ color 39.2443, 19.8042,

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

39.2443, 19.8042, 46.0101

Protanopia

24.6832, 20.4510, 96.4124

Deuteranopia

20.6169, 20.1106, 41.3232



Tritanopia

31.6589, 19.8928, 9.5682

Trichromacy



Original Color

39.2443, 19.8042, 46.0101



Protanomaly

21.5665, 14.3226, 75.0266



Deuteranomaly

23.7237, 16.3956, 42.4717



Tritanomaly

33.2308, 18.9389, 18.4271

Monochromacy



Original Color

39.2443, 19.8042, 46.0101



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

18.7136, 12.9011, 23.3337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2443, 19.8042, 46.0101 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(223, 26, 182)` looks like.

```
.text, #text, p{  
    color:rgb(223, 26, 182)  
}
```

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(223, 26, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 26, 182) }
```

Border

The CSS property to change the border of an element to XYZ 39.2443, 19.8042, 46.0101 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(223, 26, 182) }
```


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

```
.border{ border-color:rgb(223, 26, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 26, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 26, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 26, 182);  
box-shadow:4px 4px 4px 4px rgb(223, 26,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2443, 19.8042, 46.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 26, 182) }
```

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

```
.background{ background-color: rgb(223, 26,  
182) }
```

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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