

Converting Colors

XYZ(39.2764, 20.9967, 40.4358)

Have a look what the booklet for
XYZ(39.2764, 20.9967, 40.4358)
contains.

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Color

**XYZ(39.1481, 20.9015,
40.4991)**

Conversions

Conversions Part 1

Format	Color
Hex	E030AB
RGB	224, 48, 171
RGB Percent	88%, 19%, 67%
CMY	0.1216, 0.8117, 0.3294
CMYK	0.00, 0.79, 0.24, 0.12
HSL	318°, 74%, 53%
HSV	318°, 79%, 88%
XYZ	39.1481, 20.9015, 40.4991
YIQ	114.6460, 65.4130, 75.5650

Conversions

Conversions Part 2

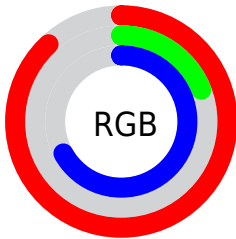
Format	Color
R _Y B	224, 48, 171
Decimal	14692523
CIE Lab	52.84, 75.28, -25.14
CIE LCh	53, 79.371, 341.534
Yxy	20.9015, 0.3893, 0.2079
Android (android.graphics.Color)	4292882603 (0xFFE030AB)
YUV	114.6460, 27.7825, 95.9035
Hunter-Lab	45.7182, 72.8414, -20.5189

Details

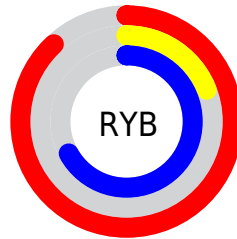
The XYZ color **39.1481, 20.9015, 40.4991** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **30.2249, 54.8800, 21.3151**, and the grayscale version is **16.0955, 16.9337, 18.4408**.

A 20% lighter version of the original color is **61.0103, 38.6163, 76.9111**, and **18.5799, 9.2005, 17.9362** is the 20% darker color. If you saturate the color by 10%, you get **37.8253, 19.2586, 36.9662**, and if you desaturate by 10%, it is **40.9671, 23.4837, 44.3596**.

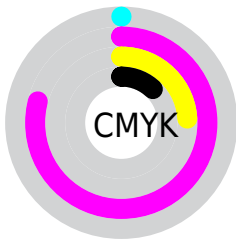
Distribution



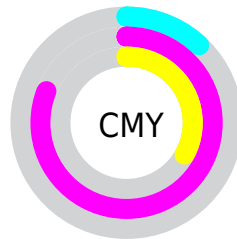
- Red (88%)
- Green (19%)
- Blue (67%)



- Red (88%)
- Yellow (19%)
- Blue (67%)



- Cyan (0%)
- Magenta (79%)
- Yellow (24%)
- Black (12%)



- Cyan (12%)
- Magenta (81%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1481, 20.9015, 40.4991 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 39.1481, 20.9015, 40.4991 by changing the saturation by 10% instead.

39.1481, 20.9015,
40.4991

39.1481, 20.9015,
40.4991

333.7161,
256.7546, 363.8372

27.0562, 13.0520,
27.6112

73.1571, 44.9235,
77.1683

17.7522, 7.4644,
17.7963

95.8050, 61.8649,
101.7867

10.8709, 3.7542,
10.6359

122.7022, 82.6057,
131.1522

6.0467, 1.5370,
5.7115

154.2141,
107.5303, 165.6835

2.9144, 0.3146,
2.6045

190.7061,
137.0230, 205.7992

1.1087, 0.0000,
0.8948

232.5435,

0.0324, 0.0000,

171.4684, 251.9176

0.0000

280.0917,
211.2508, 304.4574

■ 0.0000, 0.0000,
0.0000

■ 39.1481, 20.9015,
40.4991

■ 39.1481, 20.9015,
40.4991

■ 37.8253, 19.2586,
36.9662

■ 40.9671, 23.4837,
44.3596

■ 36.9048, 18.3688,
33.7268


■ 43.3420, 27.1246,
48.5696


■ 36.7872, 18.2660,
33.2799


■ 46.3258, 31.9295,
53.1491


■ 49.9648, 37.9899,
58.1158

■ 54.3005, 45.3882,
63.4858

 59.3709, 54.1998,
69.2738

 65.2112, 64.4942,
75.4937

 71.8542, 76.3367,
82.1585

 79.3310, 89.7883,
89.2807

Harmonies

Analogous

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



32.4222, 20.9015, 76.8977



39.1481, 20.9015, 40.4991



39.9376, 20.9015, 14.7957

Triad

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



39.1481, 20.9015, 40.4991



16.8462, 20.9015, 0.9325



10.1627, 20.9015, 68.4379

Complementary

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



39.1481, 20.9015, 40.4991



30.2249, 54.8800, 21.3151

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.



7.9824, 20.9015, 33.1618



39.1481, 20.9015, 40.4991



11.0598, 20.9015, 2.8349

Square

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



39.1481, 20.9015, 40.4991



25.3557, 20.9015, 1.1132



8.2572, 20.9015, 11.1436



15.2325, 20.9015, 99.3390

Rectangle

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



39.1481, 20.9015, 40.4991



36.7873, 20.9015, 6.2575



8.2572, 20.9015, 11.1436



9.1409, 20.9015, 55.9611

Sweetspot

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



39.1488, 20.9026, 40.4995



75.7105, 65.8439, 88.5099



19.8575, 10.2525, 71.4536



15.7013, 13.2212, 18.3588



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.



39.1488, 20.9026, 40.4995



49.9428, 25.0213, 46.8948



33.3675, 18.5901, 10.0558



14.1100, 13.8616, 16.3494



21.4659, 10.6534, 19.6511



1.5270, 0.7541, 1.5678

Inverse Universe

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



39.1488, 20.9026, 40.4995



49.9428, 25.0213, 46.8948



37.0392, 57.6058, 57.1988



14.1100, 13.8616, 16.3494



21.4659, 10.6534, 19.6511



1.5270, 0.7541, 1.5678

Previews

White Background



This preview shows how the XYZ color 39.1481, 20.9015, 40.4991 looks on a white background.

Color Contrast Check

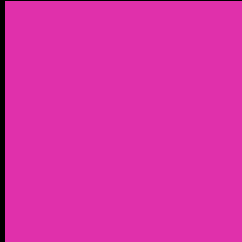
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1481, 20.9015, 40.4991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

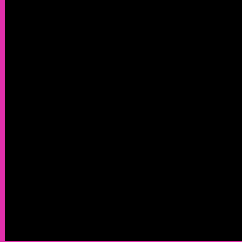
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.1481, 20.9015, 40.4991

Background



This preview shows how black text looks on a background with the XYZ color 39.1481, 20.9015, 40.4991.



This preview shows how white text looks on a background with the XYZ color 39.1481, 20.9015,

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

39.1481, 20.9015, 40.4991

Protanopia

24.1275, 21.3189, 76.9720

Deuteranopia

21.5258, 21.0535, 36.6474



Tritanopia

32.9726, 20.9682, 10.4930

Trichromacy



Original Color

39.1481, 20.9015, 40.4991



Protanomaly

24.6213, 17.5869, 61.7714



Deuteranomaly

25.0750, 18.3515, 37.8179



Tritanomaly

34.6768, 20.5877, 18.3658

Monochromacy



Original Color

39.1481, 20.9015, 40.4991



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

21.6318, 16.2000, 24.9085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1481, 20.9015, 40.4991 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(224, 48, 171)` looks like.

```
.text, #text, p{  
    color:rgb(224, 48, 171)  
}
```

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(224, 48, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 48, 171) }
```

Border

The CSS property to change the border of an element to XYZ 39.1481, 20.9015, 40.4991 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(224, 48, 171) }
```


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

```
.border{ border-color:rgb(224, 48, 171) }
```

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

Here you see how a box with a 4 pixel rgb(224, 48, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 48, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 48, 171);  
box-shadow:4px 4px 4px 4px rgb(224, 48,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1481, 20.9015, 40.4991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 48, 171) }
```

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

```
.background{ background-color: rgb(224, 48,  
171) }
```

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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