

Converting Colors

XYZ(39.9543, 20.7234, 25.9364)

Have a look what the booklet for
XYZ(39.9543, 20.7234, 25.9364)
contains.

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Color

**XYZ(39.9519, 20.7182,
25.9381)**

Conversions

Conversions Part 1

Format	Color
Hex	ED1D8A
RGB	237, 29, 138
RGB Percent	93%, 11%, 54%
CMY	0.0706, 0.8862, 0.4588
CMYK	0.00, 0.88, 0.42, 0.07
HSL	329°, 85%, 52%
HSV	329°, 88%, 93%
XYZ	39.9519, 20.7182, 25.9381
YIQ	103.6180, 88.9790, 77.9950

Conversions

Conversions Part 2

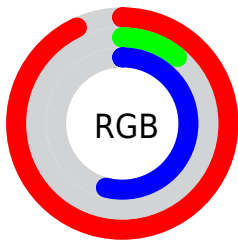
Format	Color
R _{YB}	237, 29, 138
Decimal	15539594
CIE Lab	52.64, 78.68, -5.64
CIE LCh	53, 78.885, 355.902
Yxy	20.7182, 0.4613, 0.2392
Android (android.graphics.Color)	4293729674 (0xFFED1D8A)
YUV	103.6180, 16.9503, 116.9760
Hunter-Lab	45.5172, 77.0198, -1.9245

Details

The XYZ color **39.9519, 20.7182, 25.9381** 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 **34.6893, 62.3891, 30.6439**, and the grayscale version is **12.9989, 13.6759, 14.8931**.

A 20% lighter version of the original color is **55.5943, 34.9222, 53.1007**, and **19.4406, 9.8185, 10.1031** is the 20% darker color. If you saturate the color by 10%, you get **38.7953, 19.6451, 21.7299**, and if you desaturate by 10%, it is **41.6329, 22.7045, 30.7400**.

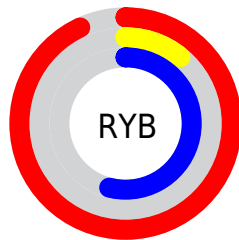
Distribution



Red (93%)

Green (11%)

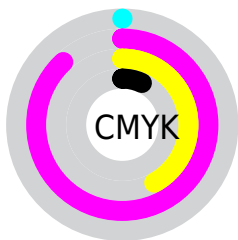
Blue (54%)



Red (93%)

Yellow (11%)

Blue (54%)

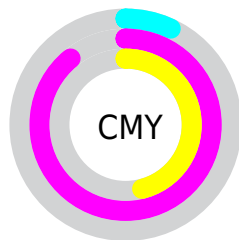


Cyan (0%)

Magenta (88%)

Yellow (42%)

Black (7%)



Cyan (7%)


Magenta (89%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9519, 20.7182, 25.9381 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 39.9519, 20.7182, 25.9381 by changing the saturation by 10% instead.


 39.9519, 20.7182,
25.9381


 39.9519, 20.7182,
25.9381


337.0587,
255.7771, 296.0739


 27.6851, 12.9182,
16.5520


 74.3751, 44.6181,
54.1579


 18.2276, 7.3722,
9.7570


 97.2621, 61.4867,
73.8287


 11.2142, 3.6960,
5.1347


 124.4200, 82.1470,
97.7648

 6.2795, 1.5050,
2.2664

 156.2140,
106.9833, 126.3848

 3.0580, 0.2922,
0.7123

 193.0095,
136.3801, 160.1071

 1.1845, 0.0000,
0.0000

235.1719,

 0.0941, 0.0000,

170.7217, 199.3504

0.0000

283.0665,
210.3926, 244.5331

■ 0.0000, 0.0000,
0.0000

■ 39.9519, 20.7182,
25.9381

■ 39.9519, 20.7182,
25.9381

■ 38.7953, 19.6451,
21.7299

■ 41.6329, 22.7045,
30.7400

■ 38.5749, 19.4645,
20.8541

■ 43.9333, 25.7898,
36.1791

■ 46.9256, 30.1151,
42.2912

■ 50.6710, 35.7997,
49.1082

■ 55.2238, 42.9485,
56.6587

60.6331, 51.6559,
64.9698

66.9436, 62.0086,
74.0664

74.1971, 74.0866,
83.9722

82.4325, 87.9650,
94.7098

Harmonies

Analogous

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



35.8273, 20.7182, 58.4754



39.9519, 20.7182, 25.9381



37.5311, 20.7182, 8.0336

Triad

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



39.9519, 20.7182, 25.9381



13.5815, 20.7182, 1.4480



12.1158, 20.7182, 84.3273

Complementary

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



39.9519, 20.7182, 25.9381



34.6893, 62.3891, 30.6439

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.



8.6497, 20.7182, 48.5597



39.9519, 20.7182, 25.9381



9.3165, 20.7182, 5.5423

Square

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



39.9519, 20.7182, 25.9381



20.8392, 20.7182, 0.8442



7.7888, 20.7182, 19.4862



18.5878, 20.7182, 104.1003

Rectangle

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



39.9519, 20.7182, 25.9381



32.8127, 20.7182, 3.1957



7.7888, 20.7182, 19.4862



10.6389, 20.7182, 72.9380

Sweetspot

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



39.9525, 20.7194, 25.9384



72.7519, 62.8778, 78.4259



24.3418, 11.4359, 81.0452



15.0581, 12.6232, 16.0223



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.



39.9525, 20.7194, 25.9384



45.5164, 22.9706, 24.4492



35.6828, 19.0115, 3.4544



15.3952, 15.1859, 17.3663



21.1273, 10.6536, 11.7378



1.7076, 0.8560, 1.1776

Inverse Universe

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



39.9525, 20.7194, 25.9384



45.5164, 22.9706, 24.4492



45.0840, 66.5469, 85.3813



15.3952, 15.1859, 17.3663



21.1273, 10.6536, 11.7378



1.7076, 0.8560, 1.1776

Previews

White Background



This preview shows how the XYZ color 39.9519, 20.7182, 25.9381 looks on a white background.

Color Contrast Check

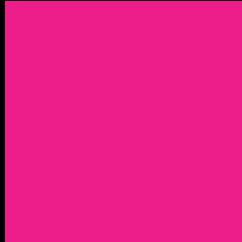
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.9519, 20.7182, 25.9381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

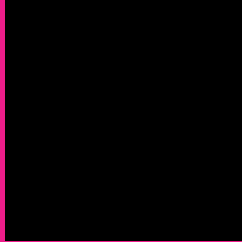
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.9519, 20.7182, 25.9381

Background



This preview shows how black text looks on a background with the XYZ color 39.9519, 20.7182, 25.9381.



This preview shows how white text looks on a background with the XYZ color 39.9519, 20.7182,

25.9381.

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

39.9519, 20.7182, 25.9381

Protanopia

22.3121, 21.0770, 53.9312

Deuteranopia

21.3370, 20.8809, 23.3279



Tritanopia

36.0896, 20.9032, 6.6900

Trichromacy



Original Color

39.9519, 20.7182, 25.9381



Protanomaly

23.7900, 16.6848, 42.0110



Deuteranomaly

25.1101, 17.6441, 23.9120



Tritanomaly

36.8755, 20.4272, 11.6722

Monochromacy



Original Color

39.9519, 20.7182, 25.9381



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

18.7552, 13.2441, 18.0909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9519, 20.7182, 25.9381 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, 29, 138)` looks like.

```
.text, #text, p{  
    color:rgb(237, 29, 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, 29, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 29, 138) }
```

Border

The CSS property to change the border of an element to XYZ 39.9519, 20.7182, 25.9381 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, 29, 138) }
```


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

```
.border{ border-color:rgb(237, 29, 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, 29, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 29, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 29, 138);  
box-shadow:4px 4px 4px 4px rgb(237, 29,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9519, 20.7182, 25.9381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 29, 138) }
```

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

```
.background{ background-color: rgb(237, 29,  
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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