

Converting Colors

XYZ(39.1393, 21.6171, 9.2292)

Have a look what the booklet for
XYZ(39.1393, 21.6171, 9.2292)
contains.

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Color

**XYZ(39.0500, 21.5412,
9.3074)**

Conversions

Conversions Part 1

Format	Color
Hex	F2304E
RGB	242, 48, 78
RGB Percent	95%, 19%, 31%
CMY	0.0510, 0.8117, 0.6941
CMYK	0.00, 0.80, 0.68, 0.05
HSL	351°, 88%, 57%
HSV	351°, 80%, 95%
XYZ	39.0500, 21.5412, 9.3074
YIQ	109.4260, 105.9940, 50.4580

Conversions

Conversions Part 2

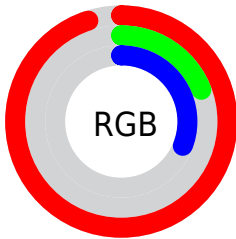
Format	Color
R_{YB}	242, 48, 78
Decimal	15872078
CIE _{Lab}	53.54, 71.98, 31.79
CIE _{LCh}	54, 78.684, 23.829
Yxy	21.5412, 0.5587, 0.3082
Android (android.graphics.Color)	4294062158 (0xFFFF2304E)
YUV	109.4260, -15.4930, 116.2674
Hunter-Lab	46.4125, 68.9624, 20.5989

Details

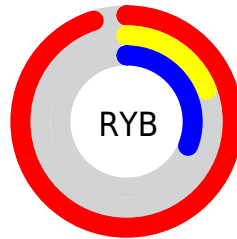
The XYZ color **39.0500, 21.5412, 9.3074** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **44.8574, 68.8869, 73.2305**, and the grayscale version is **14.6807, 15.4453, 16.8199**.

A 20% lighter version of the original color is **50.9759, 34.6026, 24.0709**, and **18.6488, 9.5805, 2.3797** is the 20% darker color. If you saturate the color by 10%, you get **37.6926, 19.8237, 5.7818**, and if you desaturate by 10%, it is **41.1755, 24.4306, 14.2148**.

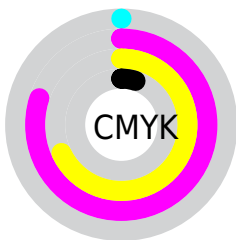
Distribution



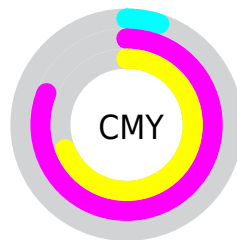
- Red (95%)
- Green (19%)
- Blue (31%)



- Red (95%)
- Yellow (19%)
- Blue (31%)



- Cyan (0%)
- Magenta (80%)
- Yellow (68%)
- Black (5%)





- Cyan (5%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0500, 21.5412, 9.3074 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 39.0500, 21.5412, 9.3074 by changing the saturation by 10% instead.

 39.0500, 21.5412,
9.3074

 39.0500, 21.5412,
9.3074


333.3065,
260.1409, 195.9565


 26.9795, 13.5202,
4.8427


 73.0083, 45.9865,
25.0715

 17.6944, 7.7877,
2.0981


 95.6268, 63.1796,
37.2080

 10.8291, 3.9594,
0.6147


 122.4920, 84.1988,
52.7387

 6.0185, 1.6509,
0.0000

 153.9693,
109.4286, 72.0824

 2.8971, 0.3915,
0.0000

 190.4241,
139.2533, 95.6575

 1.0996, 0.0000,
0.0000

232.2216,

 0.0248, 0.0000,

174.0573, 123.8825

0.0000

279.7273,
214.2250, 157.1760

■ 0.0000, 0.0000,
0.0000

■ 39.0500, 21.5412,
9.3074

■ 39.0500, 21.5412,
9.3074

■ 37.6926, 19.8237,
5.7818

■ 41.1755, 24.4306,
14.2148


■ 36.9580, 19.0132,
3.5058


■ 44.1637, 28.6492,
20.6295


■ 48.0966, 34.3342,
28.6636

■ 53.0462, 41.6045,
38.4182

■ 59.0774, 50.5669,
49.9858

 66.2497, 61.3187,
63.4526

 74.6182, 73.9501,
78.8990

 84.2343, 88.5449,
96.4008

 90.4277, 97.6171,
108.6837

Harmonies

Analogous

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



41.0536, 21.5412, 28.7774



39.0500, 21.5412, 9.3074



31.5417, 21.5412, 2.4382

Triad

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



39.0500, 21.5412, 9.3074



10.0212, 21.5412, 5.3936



18.7894, 21.5412, 105.8399

Complementary

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



39.0500, 21.5412, 9.3074



44.8574, 68.8869, 73.2305

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.



12.3559, 21.5412, 83.9721



39.0500, 21.5412, 9.3074



8.2632, 21.5412, 18.8325

Square

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



39.0500, 21.5412, 9.3074



14.6263, 21.5412, 1.4971



8.9827, 21.5412, 47.4957



27.7041, 21.5412, 96.1338

Rectangle

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



39.0500, 21.5412, 9.3074



25.3014, 21.5412, 1.1849



8.9827, 21.5412, 47.4957



16.3038, 21.5412, 101.6381

Sweetspot

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



39.0505, 21.5425, 9.3077



71.2977, 64.0788, 65.2727



43.5687, 22.1792, 85.9884



14.6501, 12.8007, 12.8230



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.



39.0505, 21.5425, 9.3077



41.8850, 21.6951, 4.7804



43.0208, 30.8292, 6.4814



15.8724, 15.7987, 16.8842



19.8856, 10.2267, 2.0483



1.6840, 0.8626, 0.3267

Inverse Universe

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



39.0505, 21.5425, 9.3077



41.8850, 21.6951, 4.7804



33.0358, 38.6178, 89.7166



15.8724, 15.7987, 16.8842



19.8856, 10.2267, 2.0483



1.6840, 0.8626, 0.3267

Previews

White Background



This preview shows how the XYZ color 39.0500, 21.5412, 9.3074 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 39.0500, 21.5412, 9.3074 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 39.0500, 21.5412, 9.3074

Background



This preview shows how black text looks on a background with the XYZ color 39.0500, 21.5412, 9.3074.

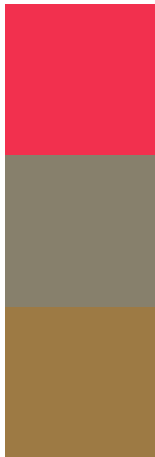


This preview shows how white text looks on a background with the XYZ color 39.0500, 21.5412,

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

39.0500, 21.5412, 9.3074

Protanopia

20.4176, 21.6719, 17.2943

Deuteranopia

21.9075, 21.5045, 8.4650



Tritanopia

38.2146, 21.5133, 5.6284

Trichromacy



Original Color

39.0500, 21.5412, 9.3074

Protanomaly

24.0751, 18.7854, 13.6663

Deuteranomaly

26.0009, 19.3437, 8.4942

Tritanomaly

38.3567, 21.4273, 6.8169

Monochromacy



Original Color

39.0500, 21.5412, 9.3074

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

19.5174, 14.8663, 13.3961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0500, 21.5412, 9.3074 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(242, 48, 78)` looks like.

```
.text, #text, p{  
    color:rgb(242, 48, 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(242, 48, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 48, 78) }
```

Border

The CSS property to change the border of an element to XYZ 39.0500, 21.5412, 9.3074 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(242, 48, 78) }
```


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

```
.border{ border-color:rgb(242, 48, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 48, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 48, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 48, 78);  
box-shadow:4px 4px 4px 4px rgb(242, 48,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0500, 21.5412, 9.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 48, 78) }
```

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

```
.background{ background-color: rgb(242, 48,  
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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