

Converting Colors

XYZ(39.4752, 21.5828, 20.1746)

Have a look what the booklet for
XYZ(39.4752, 21.5828, 20.1746)
contains.

XYZ(39.4746, 21.5816, 20.1743)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.4746, 21.5816,
20.1743)**

Conversions

Conversions Part 1

Format	Color
Hex	ED3179
RGB	237, 49, 121
RGB Percent	93%, 19%, 47%
CMY	0.0706, 0.8078, 0.5255
CMYK	0.00, 0.79, 0.49, 0.07
HSL	337°, 84%, 56%
HSV	337°, 79%, 93%
XYZ	39.4746, 21.5816, 20.1743
YIQ	113.4200, 88.9360, 62.2480

Conversions

Conversions Part 2

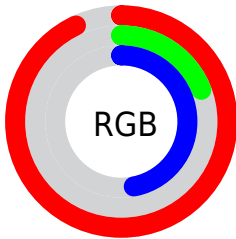
Format	Color
R_{YB}	237, 49, 121
Decimal	15544697
CIE _{Lab}	53.58, 73.13, 5.95
CIE _{LCh}	54, 73.373, 4.649
Yxy	21.5816, 0.4860, 0.2657
Android (android.graphics.Color)	4293734777 (0xFFED3179)
YUV	113.4200, 3.7369, 108.3797
Hunter-Lab	46.4560, 70.3770, 6.7715

Details

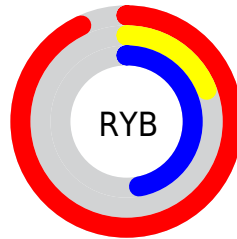
The XYZ color **39.4746, 21.5816, 20.1743** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **38.3443, 63.9388, 45.9245**, and the grayscale version is **15.7935, 16.6159, 18.0948**.

A 20% lighter version of the original color is **54.8001, 36.3118, 43.6557**, and **18.8818, 9.5950, 7.1602** is the 20% darker color. If you saturate the color by 10%, you get **37.9005, 19.7617, 15.5552**, and if you desaturate by 10%, it is **41.7062, 24.4991, 25.6837**.

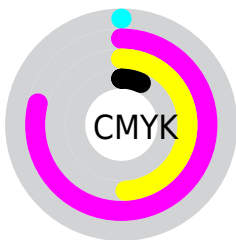
Distribution



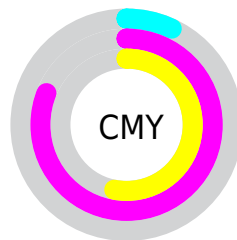
- Red (93%)
- Green (19%)
- Blue (47%)



- Red (93%)
- Yellow (19%)
- Blue (47%)



- Cyan (0%)
- Magenta (79%)
- Yellow (49%)
- Black (7%)





- Cyan (7%)
- Magenta (81%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4746, 21.5816, 20.1743 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 39.4746, 21.5816, 20.1743 by changing the saturation by 10% instead.


 39.4746, 21.5816,
20.1743


 39.4746, 21.5816,
20.1743


335.0766,
260.3534, 265.4925


 27.3115, 13.5498,
12.3365


 73.6522, 46.0535,
44.5720


 17.9451, 7.8082,
6.8479


 96.3975, 63.2624,
61.9690


 11.0100, 3.9725,
3.2902


 123.4008, 84.2990,
83.3894

 6.1409, 1.6582,
1.2446

 155.0277,
109.5479, 109.2519

 2.9724, 0.3964,
0.0158

 191.6433,
139.3934, 139.9749

 1.1392, 0.0000,
0.0000

233.6131,

 0.0575, 0.0000,

174.2199, 175.9770

0.0000

281.3024,
214.4118, 217.6767

■ 0.0000, 0.0000,
0.0000

■ 39.4746, 21.5816,
20.1743

■ 39.4746, 21.5816,
20.1743

■ 37.9005, 19.7617,
15.5552

■ 41.7062, 24.4991,
25.6837

■ 36.8635, 18.8079,
11.7557


■ 44.6710, 28.6562,
32.1363


■ 36.8028, 18.7556,
11.5227


■ 48.4353, 34.1771,
39.5812


■ 53.0574, 41.1698,
48.0627

■ 58.5896, 49.7314,
57.6224

 65.0800, 59.9507,
68.2993

 72.5732, 71.9097,
80.1301

 81.1109, 85.6849,
93.1499

 88.3543, 96.5922,
106.5994

Harmonies

Analogous

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



37.3476, 21.5816, 47.2158



39.4746, 21.5816, 20.1743



35.5575, 21.5816, 6.5210

Triad

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



39.4746, 21.5816, 20.1743



13.0885, 21.5816, 2.8822



14.7183, 21.5816, 87.9678

Complementary

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



39.4746, 21.5816, 20.1743



38.3443, 63.9388, 45.9245

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.



10.4530, 21.5816, 57.5251



39.4746, 21.5816, 20.1743



9.6936, 21.5816, 9.4502

Square

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



39.4746, 21.5816, 20.1743



19.3164, 21.5816, 1.3982



8.8687, 21.5816, 27.1696



21.7573, 21.5816, 97.9945

Rectangle

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



39.4746, 21.5816, 20.1743



30.5144, 21.5816, 2.9576



8.8687, 21.5816, 27.1696



12.9769, 21.5816, 79.1259

Sweetspot

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



39.4752, 21.5828, 20.1746



73.0424, 64.7766, 74.4598



31.8893, 16.3051, 81.5871



15.0612, 12.9652, 14.9883



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.



39.4752, 21.5828, 20.1746



43.9571, 22.5721, 15.5440



37.7295, 22.7260, 5.3053



15.3042, 15.1495, 16.8870



20.1522, 10.2636, 6.6030



1.6281, 0.8242, 0.7590

Inverse Universe

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



39.4752, 21.5828, 20.1746



43.9571, 22.5721, 15.5440



40.8712, 55.4034, 88.6605



15.3042, 15.1495, 16.8870



20.1522, 10.2636, 6.6030



1.6281, 0.8242, 0.7590

Previews

White Background



This preview shows how the XYZ color 39.4746, 21.5816, 20.1743 looks on a white background.

Color Contrast Check

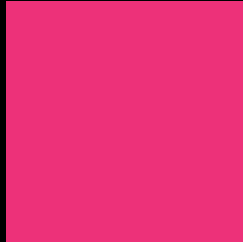
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4746, 21.5816, 20.1743 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 39.4746, 21.5816, 20.1743

Background



This preview shows how black text looks on a background with the XYZ color 39.4746, 21.5816, 20.1743.



This preview shows how white text looks on a background with the XYZ color 39.4746, 21.5816,

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

39.4746, 21.5816, 20.1743

Protanopia

21.8980, 21.7810, 38.1720

Deuteranopia

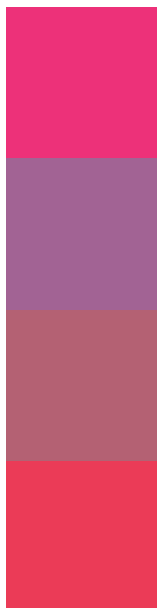
22.1649, 21.7882, 18.3666



Tritanopia

36.7782, 21.5645, 7.5341

Trichromacy



Original Color

39.4746, 21.5816, 20.1743

Protanomaly

24.7074, 18.7432, 30.3325

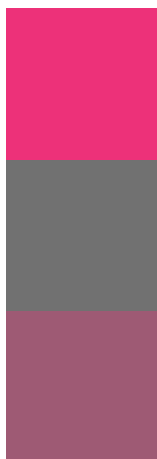
Deuteranomaly

26.1916, 19.4905, 18.6012

Tritanomaly

37.5452, 21.4782, 11.1837

Monochromacy



Original Color

39.4746, 21.5816, 20.1743

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

20.9091, 15.8424, 18.4789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4746, 21.5816, 20.1743 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, 49, 121)` looks like.

```
.text, #text, p{  
    color:rgb(237, 49, 121)  
}
```

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, 49, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 49, 121) }
```

Border

The CSS property to change the border of an element to XYZ 39.4746, 21.5816, 20.1743 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, 49, 121) }
```


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

```
.border{ border-color:rgb(237, 49, 121) }
```

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

Here you see how a box with a 4 pixel rgb(237, 49, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 49, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 49, 121);  
box-shadow:4px 4px 4px 4px rgb(237, 49,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4746, 21.5816, 20.1743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 49, 121) }
```

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

```
.background{ background-color: rgb(237, 49,  
121) }
```

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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