

Converting Colors

XYZ(39.5612, 19.4561, 50.4312)

Have a look what the booklet for
XYZ(39.5612, 19.4561, 50.4312)
contains.

XYZ(39.5053, 19.4210, 50.3817)	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(39.5053, 19.4210,
50.3817)**

Conversions

Conversions Part 1

Format	Color
Hex	DE08BE
RGB	222, 8, 190
RGB Percent	87%, 3%, 75%
CMY	0.1294, 0.9685, 0.2549
CMYK	0.00, 0.96, 0.14, 0.13
HSL	309°, 93%, 45%
HSV	309°, 96%, 87%
XYZ	39.5053, 19.4210, 50.3817
YIQ	92.7340, 69.1220, 101.9700

Conversions

Conversions Part 2

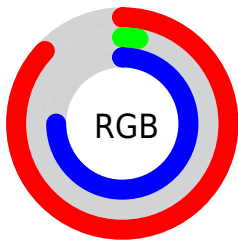
Format	Color
R_{YB}	222, 8, 190
Decimal	14551230
CIE _{Lab}	51.18, 83.59, -38.87
CIE _{LCh}	51, 92.187, 335.061
Yxy	19.4210, 0.3614, 0.1777
Android (android.graphics.Color)	4292741310 (0xFFDE08BE)
YUV	92.7340, 47.9521, 113.3663
Hunter-Lab	44.0693, 82.8927, -36.9342

Details

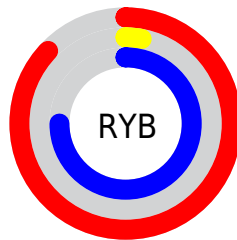
The XYZ color **39.5053, 19.4210, 50.3817** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **26.6058, 52.4483, 10.7324**, and the grayscale version is **10.2289, 10.7616, 11.7194**.

A 20% lighter version of the original color is **62.3032, 36.5248, 91.7619**, and **19.3442, 9.4590, 24.0988** is the 20% darker color. If you saturate the color by 10%, you get **39.2878, 19.1951, 49.6634**, and if you desaturate by 10%, it is **40.2563, 20.3351, 52.4432**.

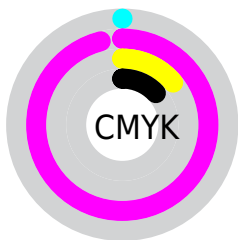
Distribution



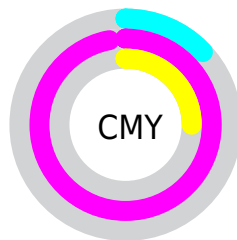
- Red (87%)
- Green (3%)
- Blue (75%)



- Red (87%)
- Yellow (3%)
- Blue (75%)



- Cyan (0%)
- Magenta (96%)
- Yellow (14%)
- Black (13%)





- Cyan (13%)
- Magenta (97%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5053, 19.4210, 50.3817 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 39.5053, 19.4210, 50.3817 by changing the saturation by 10% instead.


 39.5053, 19.4210,
50.3817

 39.5053, 19.4210,
50.3817


335.2043,
248.7632, 404.9345


 27.3355, 11.9749,
35.3435


 73.6988, 42.4443,
92.1423


 17.9633, 6.7266,
23.6419


 96.4532, 58.7902,
119.7017


 11.0231, 3.2917,
14.8585


 123.4665, 78.8716,
152.2720

 6.1498, 1.2859,
8.5746

 155.1041,
103.0727, 190.2716

 2.9779, 0.1302,
4.3718

 191.7313,
131.7781, 234.1191

 1.1421, 0.0000,
1.8314

 233.7135,

 0.0599, 0.0000,

165.3720, 284.2331

0.4486

281.4161,
204.2389, 341.0320

■ 0.0000, 0.0000,
0.0000

■ 39.5053, 19.4210,
50.3817

■ 39.5053, 19.4210,
50.3817

■ 39.2878, 19.1951,
49.6634

■ 40.2563, 20.3351,
52.4432

■ 41.4091, 22.0400,
54.6796

■ 43.0370, 24.6817,
57.1156

■ 45.1976, 28.3750,
59.7708

■ 47.9400, 33.2188,
62.6618

■ 51.3081, 39.3000,
65.8034

■ 55.3412, 46.6976,
69.2090

■ 60.0755, 55.4837,
72.8910

■ 65.5445, 65.7254,
76.8607

Harmonies

Analogous

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



30.5523, 19.4210, 95.2525



39.5053, 19.4210, 50.3817



42.1795, 19.4210, 16.9973

Triad

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



39.5053, 19.4210, 50.3817



16.9471, 19.4210, 0.0000



7.4617, 19.4210, 65.4354

Complementary

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



39.5053, 19.4210, 50.3817



26.6058, 52.4483, 10.7324

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.



5.8778, 19.4210, 25.9205



39.5053, 19.4210, 50.3817



10.0705, 19.4210, 0.8932

Square

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



39.5053, 19.4210, 50.3817



26.9358, 19.4210, 0.3247



6.6433, 19.4210, 6.2015



11.9783, 19.4210, 107.9252

Rectangle

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



39.5053, 19.4210, 50.3817



39.4790, 19.4210, 6.1586



6.6433, 19.4210, 6.2015



6.6514, 19.4210, 50.5555

Sweetspot

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



39.5060, 19.4220, 50.3821



74.0940, 60.8561, 93.3813



14.0198, 5.8339, 69.4949



15.3513, 12.0941, 19.5585



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.



39.5060, 19.4220, 50.3821



53.7464, 26.2626, 67.7877



31.9113, 16.3841, 10.3891



14.2023, 13.8985, 16.8354



23.3688, 11.4145, 29.6716



1.6441, 0.8009, 2.1844

Inverse Universe

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



39.5060, 19.4220, 50.3821



53.7464, 26.2626, 67.7877



31.2217, 54.2947, 35.0395



14.2023, 13.8985, 16.8354



23.3688, 11.4145, 29.6716



1.6441, 0.8009, 2.1844

Previews

White Background



This preview shows how the XYZ color 39.5053, 19.4210, 50.3817 looks on a white background.

Color Contrast Check

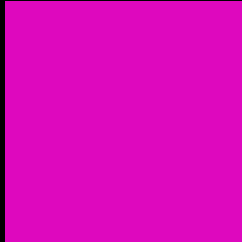
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5053, 19.4210, 50.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

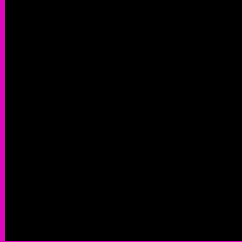
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.5053, 19.4210, 50.3817

Background



This preview shows how black text looks on a background with the XYZ color 39.5053, 19.4210, 50.3817.



This preview shows how white text looks on a background with the XYZ color 39.5053, 19.4210,

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

39.5053, 19.4210, 50.3817

Protanopia

24.1675, 20.2219, 94.7249

Deuteranopia

20.3622, 19.9001, 44.8874



Tritanopia

31.0787, 19.5937, 9.5411

Trichromacy



Original Color

39.5053, 19.4210, 50.3817



Protanomaly

20.3322, 12.9984, 75.5661



Deuteranomaly

23.0630, 15.2820, 45.9901



Tritanomaly

32.8325, 18.2985, 19.2543

Monochromacy



Original Color

39.5053, 19.4210, 50.3817



Achromatopsia

10.4043, 10.9462, 11.9204



Achromatomaly

16.4341, 10.5792, 21.5979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5053, 19.4210, 50.3817 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(222, 8, 190)` looks like.

```
.text, #text, p{  
    color:rgb(222, 8, 190)  
}
```

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(222, 8, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 8, 190) }
```

Border

The CSS property to change the border of an element to XYZ 39.5053, 19.4210, 50.3817 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(222, 8, 190) }
```


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

```
.border{ border-color:rgb(222, 8, 190) }
```

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

Here you see how a box with a 4 pixel rgb(222, 8, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 8, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 8, 190);  
box-shadow:4px 4px 4px 4px rgb(222, 8,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5053, 19.4210, 50.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 8, 190) }
```

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

```
.background{ background-color: rgb(222, 8,  
190) }
```

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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