

Converting Colors

XYZ(39.4565, 20.1318, 29.2918)

Have a look what the booklet for
XYZ(39.4565, 20.1318, 29.2918)
contains.

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Color

**XYZ(39.4663, 20.1353,
29.4102)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | EA1593 |
| RGB | 234, 21, 147 |
| RGB Percent | 92%, 8%, 58% |
| CMY | 0.0824, 0.9175, 0.4235 |
| CMYK | 0.00, 0.91, 0.37, 0.08 |
| HSL | 325°, 84%, 50% |
| HSV | 325°, 91%, 92% |
| XYZ | 39.4663, 20.1353, 29.4102 |
| YIQ | 99.0510, 86.5020, 84.3420 |

Conversions

Conversions Part 2

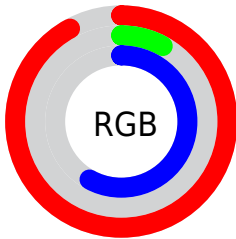
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 234, 21, 147 |
| Decimal | 15340947 |
| CIE _{Lab} | 51.99, 79.96, -12.06 |
| CIE _{LCh} | 52, 80.865, 351.423 |
| Yxy | 20.1353, 0.4434, 0.2262 |
| Android (android.graphics.Color) | 4293531027 (0xFFEA1593) |
| YUV | 99.0510, 23.6389, 118.3503 |
| Hunter-Lab | 44.8724, 78.4683, -7.4491 |

Details

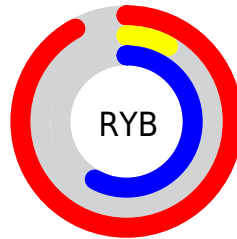
The XYZ color **39.4663, 20.1353, 29.4102** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **32.4410, 60.0887, 24.0839**, and the grayscale version is **11.8036, 12.4183, 13.5235**.

A 20% lighter version of the original color is **56.4363, 34.7844, 58.9979**, and **19.1246, 9.6152, 11.9143** is the 20% darker color. If you saturate the color by 10%, you get **38.5489, 19.3393, 25.9017**, and if you desaturate by 10%, it is **40.8967, 21.7453, 33.7432**.

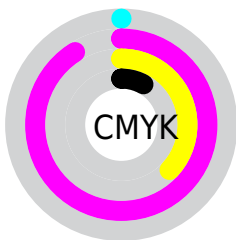
Distribution



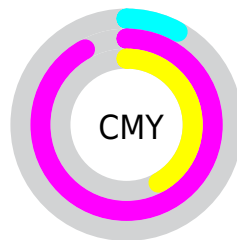
- Red (92%)
- Green (8%)
- Blue (58%)



- Red (92%)
- Yellow (8%)
- Blue (58%)



- Cyan (0%)
- Magenta (91%)
- Yellow (37%)
- Black (8%)




- Cyan (8%)
- Magenta (92%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4663, 20.1353, 29.4102 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 39.4663, 20.1353, 29.4102 by changing the saturation by 10% instead.


 39.4663, 20.1353,
29.4102


 39.4663, 20.1353,
29.4102

335.0421,
252.6466, 313.2668


 27.3050, 12.4934,
19.1431


 73.6396, 43.6439,
59.7781


 17.9402, 7.0807,
11.5959


 96.3824, 60.2794,
80.7160


 11.0065, 3.5126,
6.3500


 123.3831, 80.6816,
106.0480

 6.1385, 1.4048,
2.9868

 155.0070,
105.2349, 136.1924

 2.9710, 0.2203,
1.0879

 191.6195,
134.3237, 171.5680

 1.1384, 0.0000,
0.0000

233.5859,

 0.0569, 0.0000,

168.3323, 212.5933

0.0000

281.2717,
207.6451, 259.6867

■ 0.0000, 0.0000,
0.0000

■ 39.4663, 20.1353,
29.4102

■ 39.4663, 20.1353,
29.4102

■ 38.5489, 19.3393,
25.9017

■ 40.8967, 21.7453,
33.7432

■ 42.8823, 24.3636,
38.5759

■ 45.4970, 28.1357,
43.9400

■ 48.8022, 33.1823,
49.8626

■ 52.8516, 39.6087,
56.3683

■ 57.6934, 47.5092,
63.4794

■ 63.3716, 56.9697,
71.2167

■ 69.9267, 68.0694,
79.5998

■ 77.3966, 80.8823,
88.6471

Harmonies

Analogous

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



34.3871, 20.1353, 64.1307



39.4663, 20.1353, 29.4102



37.9985, 20.1353, 9.1766

Triad

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



39.4663, 20.1353, 29.4102



13.9150, 20.1353, 1.0045



10.8615, 20.1353, 79.9622

Complementary

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



39.4663, 20.1353, 29.4102



32.4410, 60.0887, 24.0839

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.



7.8540, 20.1353, 43.0226



39.4663, 20.1353, 29.4102



9.2324, 20.1353, 4.0569

Square

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



39.4663, 20.1353, 29.4102



21.5992, 20.1353, 0.6765



7.3582, 20.1353, 15.8298



16.8713, 20.1353, 104.3493

Rectangle

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



39.4663, 20.1353, 29.4102



33.6448, 20.1353, 3.5216



7.3582, 20.1353, 15.8298



9.5471, 20.1353, 67.7278

Sweetspot

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



39.4669, 20.1364, 29.4105



72.6783, 61.9802, 80.7150



21.0898, 9.5555, 78.5747



15.0711, 12.4624, 16.6019



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.



39.4669, 20.1364, 29.4105



46.8122, 23.4889, 31.2728



34.6242, 18.1994, 3.9092



15.4393, 15.2036, 17.5989



21.7264, 10.8932, 14.8923



1.7536, 0.8744, 1.4198

Inverse Universe

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



39.4669, 20.1364, 29.4105



46.8122, 23.4889, 31.2728



41.7053, 63.7944, 72.8688



15.4393, 15.2036, 17.5989



21.7264, 10.8932, 14.8923



1.7536, 0.8744, 1.4198

Previews

White Background



This preview shows how the XYZ color 39.4663, 20.1353, 29.4102 looks on a white background.

Color Contrast Check

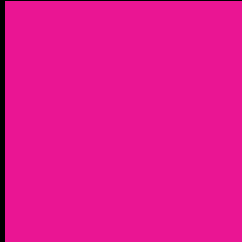
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4663, 20.1353, 29.4102 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 39.4663, 20.1353, 29.4102

Background



This preview shows how black text looks on a background with the XYZ color 39.4663, 20.1353, 29.4102.



This preview shows how white text looks on a background with the XYZ color 39.4663, 20.1353,

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

39.4663, 20.1353, 29.4102

Protanopia

22.4645, 20.5970, 62.4661

Deuteranopia

20.7128, 20.3062, 26.4947



Tritanopia

34.8262, 20.2486, 6.7755

Trichromacy



Original Color

39.4663, 20.1353, 29.4102



Protanomaly

23.2668, 15.7930, 48.2764



Deuteranomaly

24.2047, 16.7449, 27.1557



Tritanomaly

35.9524, 19.7511, 12.5071

Monochromacy



Original Color

39.4663, 20.1353, 29.4102



Achromatopsia

11.8596, 12.4772, 13.5877



Achromatomaly

17.6184, 12.0633, 17.9229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4663, 20.1353, 29.4102 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(234, 21, 147)` looks like.

```
.text, #text, p{  
    color:rgb(234, 21, 147)  
}
```

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(234, 21, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 21, 147) }
```

Border

The CSS property to change the border of an element to XYZ 39.4663, 20.1353, 29.4102 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(234, 21, 147) }
```


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

```
.border{ border-color:rgb(234, 21, 147) }
```

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

Here you see how a box with a 4 pixel rgb(234, 21, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 21, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 21, 147);  
box-shadow:4px 4px 4px 4px rgb(234, 21,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4663, 20.1353, 29.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 21, 147) }
```

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

```
.background{ background-color: rgb(234, 21,  
147) }
```

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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