

Converting Colors

XYZ(38.1369, 19.1010, 27.0555)

Have a look what the booklet for
XYZ(38.1369, 19.1010, 27.0555)
contains.

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Color

**XYZ(38.0864, 19.0789,
26.8745)**

Conversions

Conversions Part 1

Format	Color
Hex	E8008D
RGB	232, 0, 141
RGB Percent	91%, 0%, 55%
CMY	0.0902, 0.9998, 0.4471
CMYK	0.00, 1.00, 0.39, 0.09
HSL	324°, 100%, 46%
HSV	324°, 100%, 91%
XYZ	38.0864, 19.0789, 26.8745
YIQ	85.4420, 93.0110, 93.0350

Conversions

Conversions Part 2

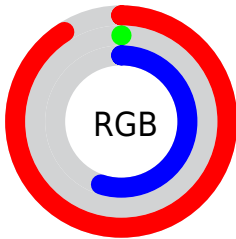
Format	Color
R_{YB}	232, 0, 141
Decimal	15204493
CIE _{Lab}	50.78, 80.78, -10.32
CIE _{LCh}	51, 81.436, 352.720
Yxy	19.0789, 0.4532, 0.2270
Android (android.graphics.Color)	4293394573 (0xFFE8008D)
YUV	85.4420, 27.3901, 128.5314
Hunter-Lab	43.6794, 79.2047, -5.9036

Details

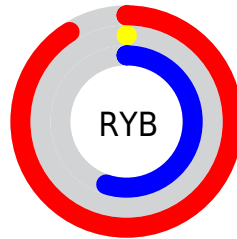
The XYZ color **38.0864, 19.0789, 26.8745** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **30.7478, 58.4697, 19.5744**, and the grayscale version is **8.6640, 9.1152, 9.9264**.

A 20% lighter version of the original color is **55.1825, 33.3845, 55.1652**, and **18.4659, 9.3014, 10.7196** is the 20% darker color. If you saturate the color by 10%, you get **38.0849, 19.0783, 26.8666**, and if you desaturate by 10%, it is **39.1033, 19.9839, 30.6937**.

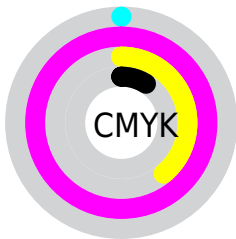
Distribution



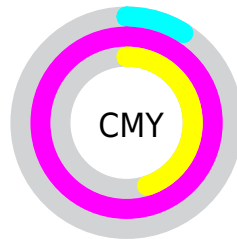
- Red (91%)
- Green (0%)
- Blue (55%)



- Red (91%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (9%)





- Cyan (9%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0864, 19.0789, 26.8745 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 38.0864, 19.0789, 26.8745 by changing the saturation by 10% instead.


 38.0864, 19.0789,
26.8745


 38.0864, 19.0789,
26.8745

329.2649,
246.8840, 300.7899


 26.2273, 11.7273,
17.2474


 71.5436, 41.8674,
55.6837


 17.1273, 6.5583,
10.2472


 93.8724, 58.0731,
75.7029


 10.4212, 3.1874,
5.4554


 120.4217, 77.9989,
100.0231

 5.7435, 1.2303,
2.4535

 151.5570,
102.0292, 129.0630

 2.7289, 0.0863,
0.8154

 187.6437,
130.5485, 163.2411

 1.0121, 0.0000,
0.0000

 229.0469,

 0.0000, 0.0000,

163.9412, 202.9759

0.0000

276.1322,
202.5915, 248.6860

■ 38.0864, 19.0789,
26.8745

■ 38.0864, 19.0789,
26.8745

■ 38.0849, 19.0783,
26.8666

■ 39.1033, 19.9839,
30.6937

■ 40.5491, 21.6556,
34.9367

■ 42.5436, 24.3313,
39.6497

■ 45.1566, 28.1491,
44.8619

■ 48.4473, 33.2254,
50.5990

■ 52.4675, 39.6619,
56.8836

■ 57.2637, 47.5499,
63.7368

■ 62.8784, 56.9727,
71.1781

■ 69.3510, 68.0073,
79.2258

Harmonies

Analogous

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



33.3443, 19.0789, 60.5442



38.0864, 19.0789, 26.8745



36.3579, 19.0789, 7.9761

Triad

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



38.0864, 19.0789, 26.8745



12.8152, 19.0789, 0.8693



10.3177, 19.0789, 79.2889

Complementary

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



38.0864, 19.0789, 26.8745



30.7478, 58.4697, 19.5744

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.



7.3196, 19.0789, 42.8731



38.0864, 19.0789, 26.8745



8.4373, 19.0789, 3.8794

Square

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



38.0864, 19.0789, 26.8745



20.1549, 19.0789, 0.4734



6.7505, 19.0789, 15.6740



16.2528, 19.0789, 102.3482

Rectangle

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



38.0864, 19.0789, 26.8745



31.9545, 19.0789, 2.9236



6.7505, 19.0789, 15.6740



9.0139, 19.0789, 67.3226

Sweetspot

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



38.0870, 19.0800, 26.8748



70.8489, 58.7357, 78.8278



18.6825, 7.9494, 76.8935



14.6012, 11.6397, 16.0844



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.



38.0870, 19.0800, 26.8748



47.1527, 23.6251, 33.0660



33.4784, 17.2366, 2.6062



14.7430, 14.5144, 16.8473



21.2069, 10.6170, 15.2503



1.6124, 0.8027, 1.3657

Inverse Universe

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



38.0870, 19.0800, 26.8748



47.1527, 23.6251, 33.0660



39.8693, 62.1183, 67.6079



14.7430, 14.5144, 16.8473



21.2069, 10.6170, 15.2503



1.6124, 0.8027, 1.3657

Previews

White Background



This preview shows how the XYZ color 38.0864, 19.0789, 26.8745 looks on a white background.

Color Contrast Check

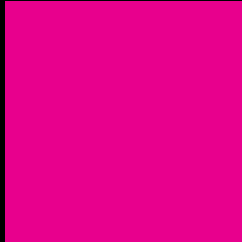
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.0864, 19.0789, 26.8745 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 38.0864, 19.0789, 26.8745

Background



This preview shows how black text looks on a background with the XYZ color 38.0864, 19.0789, 26.8745.



This preview shows how white text looks on a background with the XYZ color 38.0864, 19.0789,

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

38.0864, 19.0789, 26.8745

Protanopia

21.4970, 19.8211, 58.5699

Deuteranopia

20.0536, 19.6576, 24.2101



Tritanopia

33.8312, 19.4546, 5.8429

Trichromacy



Original Color

38.0864, 19.0789, 26.8745



Protanomaly

21.8072, 14.1269, 44.7574



Deuteranomaly

23.1061, 15.2430, 24.6460



Tritanomaly

34.7054, 18.6243, 10.9982

Monochromacy



Original Color

38.0864, 19.0789, 26.8745



Achromatopsia

8.6345, 9.0842, 9.8927



Achromatomaly

14.3502, 9.0615, 14.3573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0864, 19.0789, 26.8745 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(232, 0, 141)` looks like.

```
.text, #text, p{  
    color:rgb(232, 0, 141)  
}
```

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(232, 0, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 0, 141) }
```

Border

The CSS property to change the border of an element to XYZ 38.0864, 19.0789, 26.8745 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(232, 0, 141) }
```


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

```
.border{ border-color:rgb(232, 0, 141) }
```

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

Here you see how a box with a 4 pixel rgb(232, 0, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 0, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 0, 141);  
box-shadow:4px 4px 4px 4px rgb(232, 0,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0864, 19.0789, 26.8745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 0, 141) }
```

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

```
.background{ background-color: rgb(232, 0,  
141) }
```

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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