

Converting Colors

XYZ(34.9074, 19.9349, 15.9179)

Have a look what the booklet for
XYZ(34.9074, 19.9349, 15.9179)
contains.

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Color

**XYZ(34.9074, 19.9349,
15.9179)**

Conversions

Conversions Part 1

Format	Color
Hex	E03A6B
RGB	224, 58, 107
RGB Percent	88%, 23%, 42%
CMY	0.1216, 0.7725, 0.5804
CMYK	0.00, 0.74, 0.52, 0.12
HSL	342°, 73%, 55%
HSV	342°, 74%, 88%
XYZ	34.9074, 19.9349, 15.9179
YIQ	113.2200, 83.2070, 50.4310

Conversions

Conversions Part 2

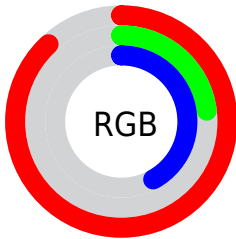
Format	Color
RYB	224, 58, 107
Decimal	14695019
CIELab	51.76, 65.98, 11.47
CIELCh	52, 66.972, 9.865
Yxy	19.9349, 0.4933, 0.2817
Android (android.graphics.Color)	4292885099 (0xFFE03A6B)
YUV	113.2200, -3.0665, 97.1541
Hunter-Lab	44.6485, 61.4212, 10.1161

Details

The XYZ color **34.9074, 19.9349, 15.9179** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **36.1401, 57.3067, 49.7194**, and the grayscale version is **15.7542, 16.5746, 18.0497**.

A 20% lighter version of the original color is **53.8900, 36.6855, 36.5884**, and **15.7159, 8.0076, 4.9923** is the 20% darker color. If you saturate the color by 10%, you get **33.2571, 17.8446, 11.6369**, and if you desaturate by 10%, it is **37.2013, 23.0698, 21.1620**.

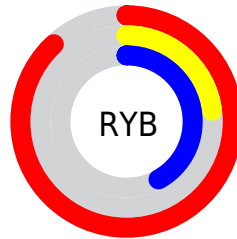
Distribution



Red (88%)

Green (23%)

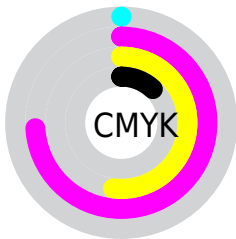
Blue (42%)



Red (88%)

Yellow (23%)

Blue (42%)

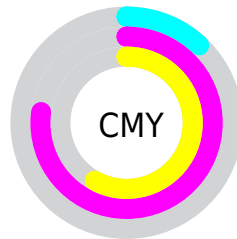


Cyan (0%)

Magenta (74%)

Yellow (52%)

Black (12%)



Cyan (12%)


Magenta (77%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9074, 19.9349, 15.9179 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 34.9074, 19.9349, 15.9179 by changing the saturation by 10% instead.


 34.9074, 19.9349,
15.9179


 34.9074, 19.9349,
15.9179


315.6746,
251.5625, 240.6859


 23.7577, 12.3477,
9.3123


 66.6773, 43.3080,
37.2204

 15.2778, 6.9810,
4.8459


 88.0282, 59.8627,
52.7545


 9.1021, 3.4502,
2.1000

 113.5102, 80.1755,
72.1018

 4.8655, 1.3710,
0.6158

 143.4887,
104.6305, 95.6809

 2.2025, 0.1952,
0.0000

 178.3290,
133.6124, 123.9103

 0.7441, 0.0000,
0.0000

218.3966,

 0.0000, 0.0000,

167.5054, 157.2086

0.0000

264.0566,
206.6940, 195.9943

■ 34.9074, 19.9349,
15.9179

■ 34.9074, 19.9349,
15.9179

■ 33.2571, 17.8446,
11.6369

■ 37.2013, 23.0698,
21.1620

■ 32.1716, 16.6544,
8.2517


■ 40.2013, 27.3620,
27.4274


■ 31.7271, 16.2419,
6.6342


■ 43.9642, 32.9133,
34.7682


■ 48.5399, 39.8134,
43.2341

■ 53.9743, 48.1437,
52.8717

 60.3096, 57.9790,
63.7245

 67.5853, 69.3889,
75.8341

 75.8383, 82.4389,
89.2398

 83.6150, 94.2131,
103.4830

Harmonies

Analogous

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



34.0078, 19.9349, 37.2567



34.9074, 19.9349, 15.9179



30.8153, 19.9349, 5.4941

Triad

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



34.9074, 19.9349, 15.9179



11.7609, 19.9349, 3.8123



14.8059, 19.9349, 78.9965

Complementary

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



34.9074, 19.9349, 15.9179



36.1401, 57.3067, 49.7194

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.



10.6010, 19.9349, 55.4995



34.9074, 19.9349, 15.9179



9.1559, 19.9349, 11.2254

Square

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



34.9074, 19.9349, 15.9179



16.8010, 19.9349, 1.7897



8.7891, 19.9349, 28.7498



21.2695, 19.9349, 83.1589

Rectangle

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



34.9074, 19.9349, 15.9179



26.2729, 19.9349, 2.7829



8.7891, 19.9349, 28.7498



13.1286, 19.9349, 72.6364

Sweetspot

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



34.9079, 19.9360, 15.9182



73.9650, 66.9907, 73.6305



32.4690, 17.4311, 72.1741



15.3664, 13.6205, 14.9515



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.



34.9079, 19.9360, 15.9182



43.7234, 22.9197, 12.9534



35.2634, 23.6708, 6.7148



13.8728, 13.7668, 15.1005



18.5114, 9.4716, 4.0930



1.3216, 0.6719, 0.4862

Inverse Universe

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



34.9079, 19.9360, 15.9182



43.7234, 22.9197, 12.9534



33.7878, 43.4570, 77.1282



13.8728, 13.7668, 15.1005



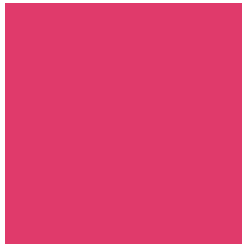
18.5114, 9.4716, 4.0930



1.3216, 0.6719, 0.4862

Previews

White Background



This preview shows how the XYZ color 34.9074, 19.9349, 15.9179 looks on a white background.

Color Contrast Check

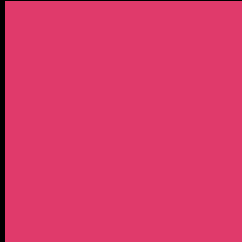
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9074, 19.9349, 15.9179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

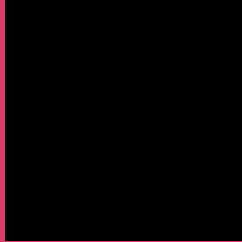
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.9074, 19.9349, 15.9179

Background



This preview shows how black text looks on a background with the XYZ color 34.9074, 19.9349, 15.9179.

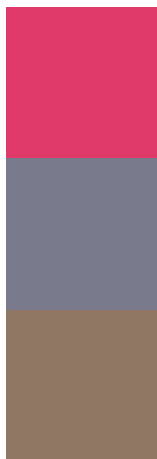


This preview shows how white text looks on a background with the XYZ color 34.9074, 19.9349,

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

34.9074, 19.9349, 15.9179

Protanopia

19.7758, 20.1540, 28.0471

Deuteranopia

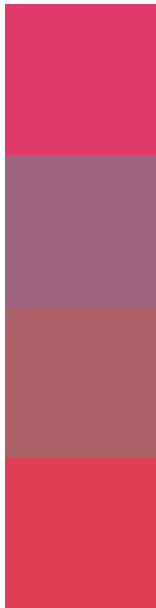
20.3506, 20.0238, 14.5968



Tritanopia

33.2368, 19.9861, 7.9003

Trichromacy



Original Color

34.9074, 19.9349, 15.9179

Protanomaly

22.5248, 17.7778, 23.0131

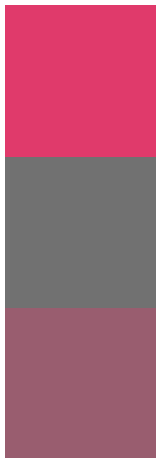
Deuteranomaly

23.9065, 18.3929, 14.8606

Tritanomaly

33.8262, 19.9793, 10.2572

Monochromacy



Original Color

34.9074, 19.9349, 15.9179

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

19.9205, 15.7487, 17.0288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9074, 19.9349, 15.9179 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(224, 58, 107)` looks like.

```
.text, #text, p{  
    color:rgb(224, 58, 107)  
}
```

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(224, 58, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 58, 107) }
```

Border

The CSS property to change the border of an element to XYZ 34.9074, 19.9349, 15.9179 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(224, 58, 107) }
```


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

```
.border{ border-color:rgb(224, 58, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 58, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 58, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 58, 107);  
box-shadow:4px 4px 4px 4px rgb(224, 58,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9074, 19.9349, 15.9179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 58, 107) }
```

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

```
.background{ background-color: rgb(224, 58,  
107) }
```

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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