

Converting Colors

XYZ(35.0548, 19.8757, 19.3174)

Have a look what the booklet for
XYZ(35.0548, 19.8757, 19.3174)
contains.

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Color

**XYZ(34.9171, 19.7878,
19.4318)**

Conversions

Conversions Part 1

Format	Color
Hex	DE3977
RGB	222, 57, 119
RGB Percent	87%, 22%, 47%
CMY	0.1294, 0.7764, 0.5333
CMYK	0.00, 0.74, 0.46, 0.13
HSL	337°, 71%, 55%
HSV	337°, 74%, 87%
XYZ	34.9171, 19.7878, 19.4318
YIQ	113.4030, 78.4380, 54.2620

Conversions

Conversions Part 2

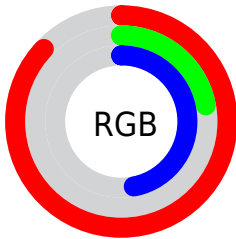
Format	Color
R_{YB}	222, 57, 119
Decimal	14563703
CIE _{Lab}	51.60, 66.74, 3.94
CIE _{LCh}	52, 66.852, 3.382
Yxy	19.7878, 0.4710, 0.2669
Android (android.graphics.Color)	4292753783 (0xFFDE3977)
YUV	113.4030, 2.7593, 95.2396
Hunter-Lab	44.4835, 62.2667, 5.2387

Details

The XYZ color **34.9171, 19.7878, 19.4318** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **34.1554, 55.6511, 42.2046**, and the grayscale version is **15.7930, 16.6155, 18.0942**.

A 20% lighter version of the original color is **55.0691, 37.1571, 42.7977**, and **15.8353, 8.0320, 6.6770** is the 20% darker color. If you saturate the color by 10%, you get **33.2767, 17.7434, 15.0736**, and if you desaturate by 10%, it is **37.1593, 22.8417, 24.5898**.

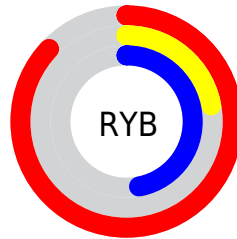
Distribution



Red (87%)

Green (22%)

Blue (47%)



Red (87%)

Yellow (22%)

Blue (47%)

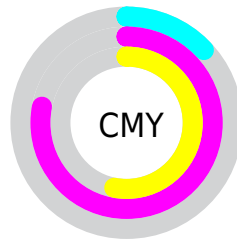


Cyan (0%)

Magenta (74%)

Yellow (46%)

Black (13%)



Cyan (13%)


Magenta (78%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9171, 19.7878, 19.4318 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 34.9171, 19.7878, 19.4318 by changing the saturation by 10% instead.


 34.9171, 19.7878,
19.4318


 34.9171, 19.7878,
19.4318


315.7167,
250.7640, 261.3240


 23.7652, 12.2409,
11.8027


 66.6922, 43.0611,
43.3088


 15.2834, 6.9080,
6.4886


 88.0461, 59.5563,
60.3939


 9.1061, 3.4046,
3.0708


 113.5315, 79.8031,
81.4681

 4.8681, 1.3464,
1.1309

 143.5136,
104.1858, 106.9498

 2.2040, 0.1767,
0.0000

 178.3578,
133.0889, 137.2578

 0.7449, 0.0000,
0.0000

218.4295,

 0.0000, 0.0000,

166.8967, 172.8104

0.0000

264.0940,
205.9936, 214.0263

■ 34.9171, 19.7878,
19.4318

■ 34.9171, 19.7878,
19.4318

■ 33.2767, 17.7434,
15.0736

■ 37.1593, 22.8417,
24.5898

■ 32.1636, 16.5678,
11.4641


■ 40.0623, 27.0149,
30.5910


■ 31.7013, 16.1604,
9.7150


■ 43.6791, 32.4061,
37.4761


■ 48.0567, 39.1025,
45.2827

■ 53.2380, 47.1829,
54.0456

 59.2626, 56.7200,
63.7980

 66.1672, 67.7813,
74.5711

 73.9866, 80.4303,
86.3948

 82.1726, 93.5650,
99.1040

Harmonies

Analogous

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



32.9179, 19.7878, 42.7925



34.9171, 19.7878, 19.4318



31.8213, 19.7878, 6.9068

Triad

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



34.9171, 19.7878, 19.4318



12.5461, 19.7878, 3.0474



13.5832, 19.7878, 74.5954

Complementary

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



34.9171, 19.7878, 19.4318



34.1554, 55.6511, 42.2046

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.



9.9364, 19.7878, 49.0608



34.9171, 19.7878, 19.4318



9.4457, 19.7878, 8.8372

Square

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



34.9171, 19.7878, 19.4318



18.0544, 19.7878, 1.6820



8.6184, 19.7878, 23.8073



19.5817, 19.7878, 83.7955

Rectangle

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



34.9171, 19.7878, 19.4318



27.6348, 19.7878, 3.3853



8.6184, 19.7878, 23.8073



12.0943, 19.7878, 67.1068

Sweetspot

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



34.9176, 19.7889, 19.4321



74.5557, 67.2270, 76.7411



28.8979, 15.5472, 70.5849



15.5045, 13.6757, 15.6787



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.



34.9176, 19.7889, 19.4321



44.6550, 23.2923, 17.8592



33.4654, 21.0300, 6.1678



13.9192, 13.7853, 15.3446



18.8797, 9.6189, 6.0323



1.3511, 0.6837, 0.6418

Inverse Universe

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



34.9176, 19.7889, 19.4321



44.6550, 23.2923, 17.8592



36.1700, 48.7386, 76.6082



13.9192, 13.7853, 15.3446



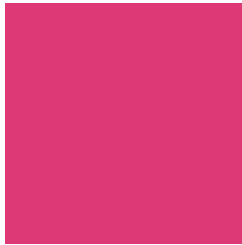
18.8797, 9.6189, 6.0323



1.3511, 0.6837, 0.6418

Previews

White Background



This preview shows how the XYZ color 34.9171, 19.7878, 19.4318 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 34.9171, 19.7878, 19.4318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

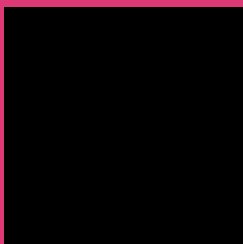
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.9171, 19.7878, 19.4318

Background



This preview shows how black text looks on a background with the XYZ color 34.9171, 19.7878, 19.4318.



This preview shows how white text looks on a background with the XYZ color 34.9171, 19.7878,

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

34.9171, 19.7878, 19.4318

Protanopia

20.1156, 19.9982, 34.6981

Deuteranopia

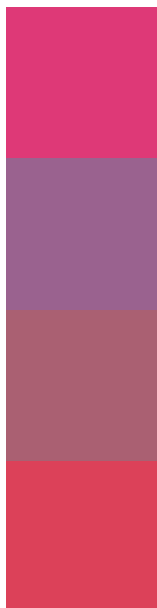
20.2813, 19.9168, 17.8143



Tritanopia

32.5112, 19.7842, 8.2361

Trichromacy



Original Color

34.9171, 19.7878, 19.4318

Protanomaly

22.6520, 17.5886, 28.1876

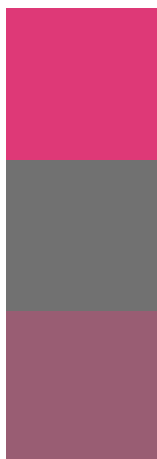
Deuteranomaly

23.7977, 18.1267, 18.1641

Tritanomaly

33.2087, 19.7175, 11.5068

Monochromacy



Original Color

34.9171, 19.7878, 19.4318

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

20.1457, 15.8388, 18.2151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9171, 19.7878, 19.4318 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, 57, 119)` looks like.

```
.text, #text, p{  
    color:rgb(222, 57, 119)  
}
```

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, 57, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 57, 119) }
```

Border

The CSS property to change the border of an element to XYZ 34.9171, 19.7878, 19.4318 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, 57, 119) }
```


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

```
.border{ border-color:rgb(222, 57, 119) }
```

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

Here you see how a box with a 4 pixel rgb(222, 57, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 57, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 57, 119);  
box-shadow:4px 4px 4px 4px rgb(222, 57,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9171, 19.7878, 19.4318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 57, 119) }
```

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

```
.background{ background-color: rgb(222, 57,  
119) }
```

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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