

Converting Colors

XYZ(34.9144, 19.0542, 17.1669)

Have a look what the booklet for
XYZ(34.9144, 19.0542, 17.1669)
contains.

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Color

**XYZ(34.9144, 19.0542,
17.1669)**

Conversions

Conversions Part 1

Format	Color
Hex	E12D70
RGB	225, 45, 112
RGB Percent	88%, 18%, 44%
CMY	0.1176, 0.8235, 0.5608
CMYK	0.00, 0.80, 0.50, 0.12
HSL	338°, 75%, 53%
HSV	338°, 80%, 88%
XYZ	34.9144, 19.0542, 17.1669
YIQ	106.4580, 85.7730, 58.9970

Conversions

Conversions Part 2

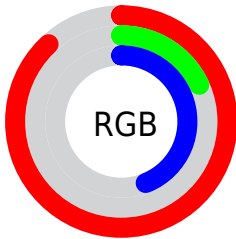
Format	Color
R _Y B	225, 45, 112
Decimal	14757232
CIE Lab	50.75, 70.37, 7.04
CIE LCh	51, 70.723, 5.714
Yxy	19.0542, 0.4908, 0.2679
Android (android.graphics.Color)	4292947312 (0xFFE12D70)
YUV	106.4580, 2.7322, 103.9613
Hunter-Lab	43.6511, 66.3840, 7.2385

Details

The XYZ color **34.9144, 19.0542, 17.1669** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **34.1808, 56.8777, 41.5312**, and the grayscale version is **13.8034, 14.5223, 15.8148**.

A 20% lighter version of the original color is **53.4268, 35.0562, 38.6010**, and **16.0584, 8.1682, 5.7313** is the 20% darker color. If you saturate the color by 10%, you get **33.5468, 17.4807, 13.1302**, and if you desaturate by 10%, it is **36.8633, 21.5930, 22.0065**.

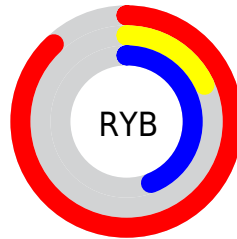
Distribution



Red (88%)

Green (18%)

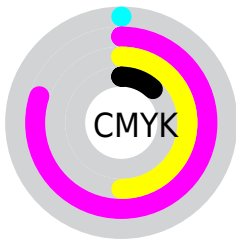
Blue (44%)



Red (88%)

Yellow (18%)

Blue (44%)

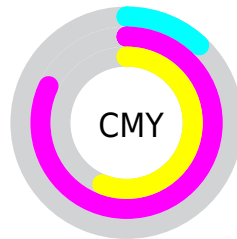


Cyan (0%)

Magenta (80%)

Yellow (50%)

Black (12%)



Cyan (12%)


Magenta (82%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9144, 19.0542, 17.1669 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 34.9144, 19.0542, 17.1669 by changing the saturation by 10% instead.


 34.9144, 19.0542,
17.1669


 34.9144, 19.0542,
17.1669


315.7050,
246.7478, 248.2088


 23.7631, 11.7094,
10.1903


 66.6880, 41.8257,
39.4071

 15.2818, 6.5462,
5.4181


 88.0411, 58.0212,
55.5078

 9.1050, 3.1799,
2.4316


 113.5255, 77.9357,
75.4870

 4.8674, 1.2264,
0.8036

 143.5067,
101.9537, 99.7632

 2.2036, 0.0831,
0.0000

 178.3498,
130.4595, 128.7549

 0.7446, 0.0000,
0.0000

218.4203,

 0.0000, 0.0000,

163.8375, 162.8807

0.0000

264.0836,
202.4722, 202.5592

■ 34.9144, 19.0542,
17.1669

■ 34.9144, 19.0542,
17.1669

■ 33.5468, 17.4807,
13.1302

■ 36.8633, 21.5930,
22.0065

■ 32.6418, 16.6440,
9.8281


■ 39.4610, 25.2233,
27.6975


■ 32.6413, 16.6435,
9.8261


■ 42.7668, 30.0556,
34.2848


■ 46.8324, 36.1857,
41.8091

■ 51.7044, 43.6996,
50.3084

 57.4258, 52.6762,
59.8184

 64.0361, 63.1879,
70.3727

 71.5724, 75.3028,
82.0034

 80.0697, 89.0844,
94.7412

Harmonies

Analogous

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



33.2148, 19.0542, 40.7887



34.9144, 19.0542, 17.1669



31.2621, 19.0542, 5.4713

Triad

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



34.9144, 19.0542, 17.1669



11.3797, 19.0542, 2.6097



13.1542, 19.0542, 78.7843

Complementary

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



34.9144, 19.0542, 17.1669



34.1808, 56.8777, 41.5312

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.



9.2871, 19.0542, 52.0405



34.9144, 19.0542, 17.1669



8.4610, 19.0542, 8.6568

Square

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



34.9144, 19.0542, 17.1669



16.8130, 19.0542, 1.2168



7.8070, 19.0542, 24.7927



19.4729, 19.0542, 86.8190

Rectangle

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



34.9144, 19.0542, 17.1669



26.7235, 19.0542, 2.4748



7.8070, 19.0542, 24.7927



11.5809, 19.0542, 71.1098

Sweetspot

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



34.9149, 19.0553, 17.1672



72.9567, 64.7424, 74.0088



28.2409, 14.3826, 72.5217



15.0409, 12.9570, 14.8812



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.



34.9149, 19.0553, 17.1672



43.7148, 22.4271, 14.4160



33.4742, 20.0951, 4.5986



13.9171, 13.7845, 15.3338



18.8614, 9.6116, 5.9359



1.3497, 0.6832, 0.6344

Inverse Universe

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



34.9149, 19.0553, 17.1672



43.7148, 22.4271, 14.4160



36.2667, 49.1809, 78.8154



13.9171, 13.7845, 15.3338



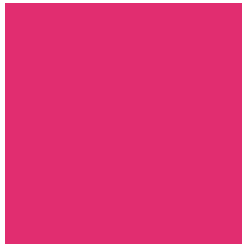
18.8614, 9.6116, 5.9359



1.3497, 0.6832, 0.6344

Previews

White Background



This preview shows how the XYZ color 34.9144, 19.0542, 17.1669 looks on a white background.

Color Contrast Check

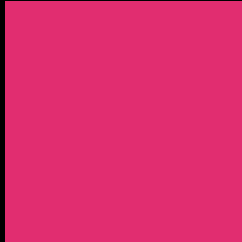
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9144, 19.0542, 17.1669 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 34.9144, 19.0542, 17.1669

Background



This preview shows how black text looks on a background with the XYZ color 34.9144, 19.0542, 17.1669.



This preview shows how white text looks on a background with the XYZ color 34.9144, 19.0542,

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

34.9144, 19.0542, 17.1669

Protanopia

19.4057, 19.3103, 32.8415

Deuteranopia

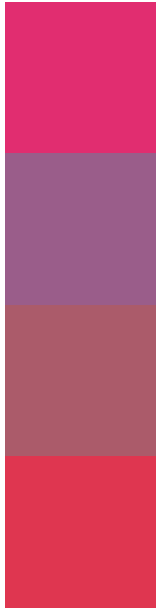
19.6247, 19.2773, 15.5185



Tritanopia

32.5305, 18.9944, 6.3666

Trichromacy



Original Color

34.9144, 19.0542, 17.1669

Protanomaly

21.8282, 16.5337, 26.0856

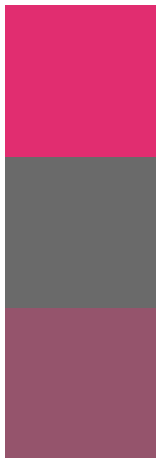
Deuteranomaly

23.1372, 17.1807, 15.7324

Tritanomaly

33.1986, 18.9055, 9.4888

Monochromacy



Original Color

34.9144, 19.0542, 17.1669

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

18.2715, 13.8129, 15.8905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9144, 19.0542, 17.1669 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(225, 45, 112)` looks like.

```
.text, #text, p{  
    color:rgb(225, 45, 112)  
}
```

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(225, 45, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 45, 112) }
```

Border

The CSS property to change the border of an element to XYZ 34.9144, 19.0542, 17.1669 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(225, 45, 112) }
```


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

```
.border{ border-color:rgb(225, 45, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 45, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 45, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 45, 112);  
box-shadow:4px 4px 4px 4px rgb(225, 45,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9144, 19.0542, 17.1669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 45, 112) }
```

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

```
.background{ background-color: rgb(225, 45,  
112) }
```

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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