

Converting Colors

XYZ(35.2614, 17.9983, 13.4199)

Have a look what the booklet for
XYZ(35.2614, 17.9983, 13.4199)
contains.

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Color

**XYZ(35.2614, 17.9983,
13.4199)**

Conversions

Conversions Part 1

Format	Color
Hex	E70563
RGB	231, 5, 99
RGB Percent	91%, 2%, 39%
CMY	0.0941, 0.9802, 0.6118
CMYK	0.00, 0.98, 0.57, 0.09
HSL	335°, 96%, 46%
HSV	335°, 98%, 91%
XYZ	35.2614, 17.9983, 13.4199
YIQ	83.2900, 104.5220, 77.1460

Conversions

Conversions Part 2

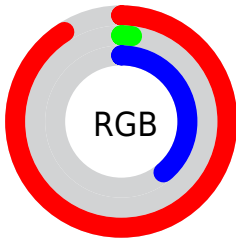
Format	Color
RYB	231, 5, 99
Decimal	15140195
CIELab	49.49, 76.97, 13.39
CIELCh	49, 78.126, 9.868
Yxy	17.9983, 0.5288, 0.2699
Android (android.graphics.Color)	4293330275 (0xFFE70563)
YUV	83.2900, 7.7450, 129.5417
Hunter-Lab	42.4244, 74.1191, 10.9422

Details

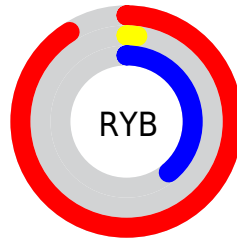
The XYZ color **35.2614, 17.9983, 13.4199** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **33.1581, 58.9918, 33.3255**, and the grayscale version is **8.2567, 8.6867, 9.4598**.

A 20% lighter version of the original color is **50.7570, 31.6143, 31.8608**, and **16.7911, 8.5819, 4.1396** is the 20% darker color. If you saturate the color by 10%, you get **35.0684, 17.8343, 12.6721**, and if you desaturate by 10%, it is **36.3260, 19.0075, 17.2285**.

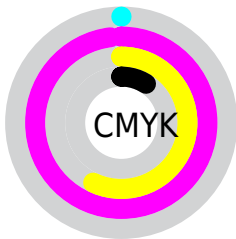
Distribution



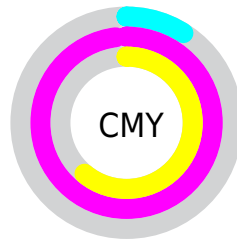
- Red (91%)
- Green (2%)
- Blue (39%)



- Red (91%)
- Yellow (2%)
- Blue (39%)



- Cyan (0%)
- Magenta (98%)
- Yellow (57%)
- Black (9%)





- Cyan (9%)
- Magenta (98%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2614, 17.9983, 13.4199 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 35.2614, 17.9983, 13.4199 by changing the saturation by 10% instead.


 35.2614, 17.9983,
13.4199


 35.2614, 17.9983,
13.4199

317.2085,
240.8615, 224.8930


 24.0318, 10.9488,
7.5842


 67.2219, 40.0344,
32.7583


 15.4820, 6.0324,
3.7461


 88.6834, 55.7898,
47.0981


 9.2469, 2.8648,
1.4871


 114.2863, 75.2159,
65.1096

 4.9610, 1.0616,
0.2083

 144.3959, 98.6972,
87.2115

 2.2589, 0.0000,
0.0000

 179.3776,
126.6180, 113.8223

 0.7735, 0.0000,
0.0000

 219.5967,

 0.0000, 0.0000,

159.3627, 145.3604

0.0000

265.4185,
197.3157, 182.2445

■ 35.2614, 17.9983,
13.4199

■ 35.2614, 17.9983,
13.4199

■ 35.0684, 17.8343,
12.6721

■ 36.3260, 19.0075,
17.2285

■ 37.9150, 20.8848,
21.7683

■ 40.1230, 23.8119,
27.0940

■ 43.0197, 27.9214,
33.2506

■ 46.6647, 33.3258,
40.2787

■ 51.1108, 40.1244,
48.2155

■ 56.4060, 48.4068,
57.0956

■ 62.5941, 58.2550,
66.9519

■ 69.7160, 69.7450,
77.8151

Harmonies

Analogous

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



34.2070, 17.9983, 37.1953



35.2614, 17.9983, 13.4199



30.4872, 17.9983, 3.3774

Triad

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



35.2614, 17.9983, 13.4199



9.5221, 17.9983, 2.0214



12.6693, 17.9983, 87.9681

Complementary

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



35.2614, 17.9983, 13.4199



33.1581, 58.9918, 33.3255

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.



8.3574, 17.9983, 58.9448



35.2614, 17.9983, 13.4199



6.9366, 17.9983, 8.6664

Square

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



35.2614, 17.9983, 13.4199



14.7864, 17.9983, 0.5848



6.5826, 17.9983, 27.4275



19.6582, 17.9983, 93.1932

Rectangle

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



35.2614, 17.9983, 13.4199



25.2729, 17.9983, 1.2695



6.5826, 17.9983, 27.4275



10.9218, 17.9983, 80.0258

Sweetspot

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



35.2618, 17.9994, 13.4202



69.6322, 59.0714, 69.8857



24.7714, 11.1853, 76.4544



14.2808, 11.6660, 13.9217



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.



35.2618, 17.9994, 13.4202



43.8430, 22.3012, 15.6370



33.3067, 17.6483, 1.7961



14.6243, 14.4669, 16.2219



19.7185, 10.0216, 7.4125



1.5025, 0.7587, 0.7868

Inverse Universe

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



35.2618, 17.9994, 13.4202



43.8430, 22.3012, 15.6370



38.0732, 52.9745, 83.8194



14.6243, 14.4669, 16.2219



19.7185, 10.0216, 7.4125



1.5025, 0.7587, 0.7868

Previews

White Background



This preview shows how the XYZ color 35.2614, 17.9983, 13.4199 looks on a white background.

Color Contrast Check

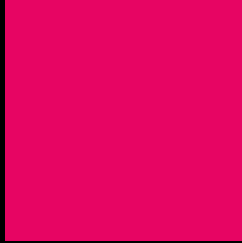
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 35.2614, 17.9983, 13.4199 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 35.2614, 17.9983, 13.4199

Background



This preview shows how black text looks on a background with the XYZ color 35.2614, 17.9983, 13.4199.

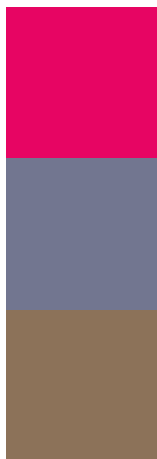


This preview shows how white text looks on a background with the XYZ color 35.2614, 17.9983,

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

35.2614, 17.9983, 13.4199

Protanopia

18.4519, 18.5479, 28.9931

Deuteranopia

18.6357, 18.3313, 12.0073



Tritanopia

33.4217, 18.3155, 3.6075

Trichromacy



Original Color

35.2614, 17.9983, 13.4199



Protanomaly

20.4548, 14.0344, 22.0529



Deuteranomaly

21.6581, 14.5721, 12.0271



Tritanomaly

33.8407, 17.9331, 5.9528

Monochromacy



Original Color

35.2614, 17.9983, 13.4199



Achromatopsia

8.2219, 8.6500, 9.4199



Achromatomaly

13.4859, 8.7720, 10.4336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2614, 17.9983, 13.4199 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(231, 5, 99)` looks like.

```
.text, #text, p{  
    color:rgb(231, 5, 99)  
}
```

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(231, 5, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 5, 99) }
```

Border

The CSS property to change the border of an element to XYZ 35.2614, 17.9983, 13.4199 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(231, 5, 99) }
```


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

```
.border{ border-color:rgb(231, 5, 99) }
```

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

Here you see how a box with a 4 pixel rgb(231, 5, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 5, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 5, 99);  
box-shadow:4px 4px 4px 4px rgb(231, 5, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 35.2614, 17.9983, 13.4199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 5, 99) }
```

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

```
.background{ background-color: rgb(231, 5,  
99) }
```

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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