

Converting Colors

XYZ(35.2085, 21.7811, 19.6212)

Have a look what the booklet for
XYZ(35.2085, 21.7811, 19.6212)
contains.

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Color

**XYZ(35.2078, 21.8169,
19.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4E76
RGB	219, 78, 118
RGB Percent	86%, 31%, 46%
CMY	0.1412, 0.6941, 0.5373
CMYK	0.00, 0.64, 0.46, 0.14
HSL	343°, 66%, 58%
HSV	343°, 64%, 86%
XYZ	35.2078, 21.8169, 19.4950
YIQ	124.7190, 71.1960, 42.3320

Conversions

Conversions Part 2

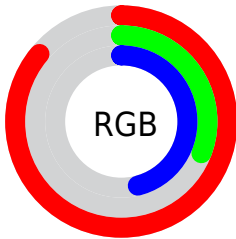
Format	Color
R_{YB}	219, 78, 118
Decimal	14372470
CIE _{Lab}	53.83, 58.09, 7.68
CIE _{LCh}	54, 58.594, 7.528
Yxy	21.8169, 0.4601, 0.2851
Android (android.graphics.Color)	4292562550 (0xFFDB4E76)
YUV	124.7190, -3.3125, 82.6844
Hunter-Lab	46.7086, 52.8090, 7.9498

Details

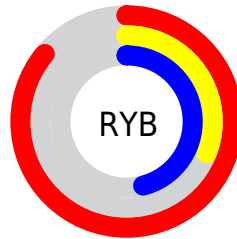
The XYZ color **35.2078, 21.8169, 19.4950** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **36.6115, 55.5379, 51.4423**, and the grayscale version is **19.3937, 20.4037, 22.2196**.

A 20% lighter version of the original color is **57.0208, 41.2125, 42.9797**, and **15.4687, 7.9434, 6.5123** is the 20% darker color. If you saturate the color by 10%, you get **33.0466, 18.8645, 14.5513**, and if you desaturate by 10%, it is **38.0431, 25.8695, 25.4288**.

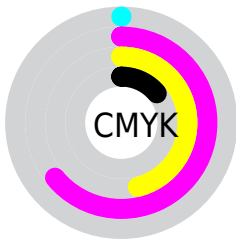
Distribution



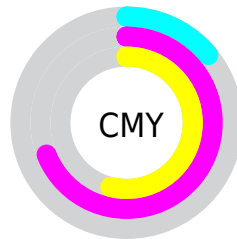
- Red (86%)
- Green (31%)
- Blue (46%)



- Red (86%)
- Yellow (31%)
- Blue (46%)



- Cyan (0%)
- Magenta (64%)
- Yellow (46%)
- Black (14%)





- Cyan (14%)
- Magenta (69%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2078, 21.8169, 19.4950 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 35.2078, 21.8169, 19.4950 by changing the saturation by 10% instead.


 35.2078, 21.8169,
19.4950


 35.2078, 21.8169,
19.4950


316.9766,
261.5886, 261.6812


 23.9903, 13.7224,
11.8481


 67.1395, 46.4432,
43.4167


 15.4511, 7.9279,
6.5190


 88.5843, 63.7438,
60.5285


 9.2249, 4.0488,
3.0893


 114.1689, 84.8819,
81.6323

 4.9465, 1.7009,
1.1404

 144.2587,
110.2419, 107.1468

 2.2503, 0.4242,
0.0000

 179.2190,
140.2081, 137.4903

 0.7691, 0.0000,
0.0000

219.4152,

 0.0000, 0.0000,

175.1651, 173.0816

0.0000

265.2126,
215.4971, 214.3390

■ 35.2078, 21.8169,
19.4950

■ 35.2078, 21.8169,
19.4950

■ 33.0466, 18.8645,
14.5513

■ 38.0431, 25.8695,
25.4288

■ 31.4963, 16.8980,
10.5382

■ 41.6043, 31.1142,
32.4046

■ 30.4838, 15.7846,
7.3906

■ 45.9400, 37.6374,
40.4718

■ 30.0860, 15.4091,
5.9631

■ 51.0937, 45.5165,
49.6760

■ 57.1059, 54.8226,
60.0602

■ 64.0142, 65.6218,
71.6652

■ 71.8539, 77.9761,
84.5297

■ 80.6586, 91.9441,
98.6905

■ 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



34.0603, 21.8169, 39.6306



35.2078, 21.8169, 19.4950



31.8991, 21.8169, 8.2726

Triad

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



35.2078, 21.8169, 19.4950



14.1998, 21.8169, 5.4999



16.4433, 21.8169, 72.3758

Complementary

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



35.2078, 21.8169, 19.4950



36.6115, 55.5379, 51.4423

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.



12.5388, 21.8169, 51.7627



35.2078, 21.8169, 19.4950



11.4382, 21.8169, 12.8113

Square

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



35.2078, 21.8169, 19.4950



19.1900, 21.8169, 3.2928



10.8986, 21.8169, 28.5941



22.3635, 21.8169, 77.3944

Rectangle

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



35.2078, 21.8169, 19.4950



27.9412, 21.8169, 4.8646



10.8986, 21.8169, 28.5941



14.8904, 21.8169, 66.6713

Sweetspot

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



35.2084, 21.8181, 19.4954



76.4010, 70.8507, 77.5624



33.5749, 19.8767, 69.0845



15.8384, 14.3696, 15.7093



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.



35.2084, 21.8181, 19.4954



45.8429, 25.5748, 18.5427



35.7642, 25.9610, 10.3354



13.2071, 13.1119, 14.3520



17.8805, 9.1532, 3.7505



1.1950, 0.6076, 0.4357

Inverse Universe

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



35.2084, 21.8181, 19.4954



45.8429, 25.5748, 18.5427



34.5163, 43.9096, 73.6737



13.2071, 13.1119, 14.3520



17.8805, 9.1532, 3.7505



1.1950, 0.6076, 0.4357

Previews

White Background



This preview shows how the XYZ color 35.2078, 21.8169, 19.4950 looks on a white background.

Color Contrast Check

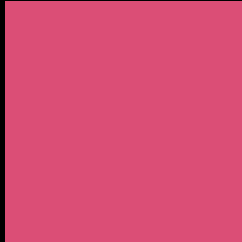
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2078, 21.8169, 19.4950 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 35.2078, 21.8169, 19.4950

Background



This preview shows how black text looks on a background with the XYZ color 35.2078, 21.8169, 19.4950.



This preview shows how white text looks on a background with the XYZ color 35.2078, 21.8169,

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

35.2078, 21.8169, 19.4950

Protanopia

21.5117, 21.9493, 30.2970

Deuteranopia

22.2896, 21.8589, 18.0833



Tritanopia

33.5888, 21.8136, 11.8913

Trichromacy



Original Color

35.2078, 21.8169, 19.4950

Protanomaly

24.5171, 20.4030, 25.9385

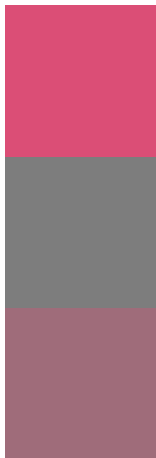
Deuteranomaly

25.7505, 20.7290, 18.5635

Tritanomaly

34.2310, 21.8601, 14.4718

Monochromacy



Original Color

35.2078, 21.8169, 19.4950

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.1735, 19.5012, 20.9551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2078, 21.8169, 19.4950 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(219, 78, 118)` looks like.

```
.text, #text, p{  
    color:rgb(219, 78, 118)  
}
```

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(219, 78, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 78, 118) }
```

Border

The CSS property to change the border of an element to XYZ 35.2078, 21.8169, 19.4950 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(219, 78, 118) }
```


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

```
.border{ border-color:rgb(219, 78, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 78, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 78, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 78, 118); box-shadow:4px 4px 4px 4px rgb(219, 78, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2078, 21.8169, 19.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 78, 118) }
```

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

```
.background{ background-color: rgb(219, 78,  
118) }
```

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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