

Converting Colors

XYZ(35.4415, 19.5408, 16.0350)

Have a look what the booklet for
XYZ(35.4415, 19.5408, 16.0350)
contains.

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Color

**XYZ(35.4423, 19.5275,
16.0885)**

Conversions

Conversions Part 1

Format	Color
Hex	E3306C
RGB	227, 48, 108
RGB Percent	89%, 19%, 42%
CMY	0.1098, 0.8117, 0.5765
CMYK	0.00, 0.79, 0.52, 0.11
HSL	340°, 76%, 54%
HSV	340°, 79%, 89%
XYZ	35.4423, 19.5275, 16.0885
YIQ	108.3610, 87.4240, 56.6080

Conversions

Conversions Part 2

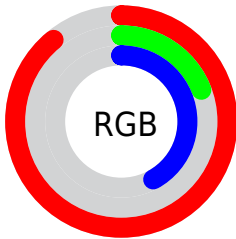
Format	Color
R_{YB}	227, 48, 108
Decimal	14889068
CIE _{Lab}	51.30, 69.80, 10.30
CIE _{LCh}	51, 70.560, 8.392
Yxy	19.5275, 0.4988, 0.2748
Android (android.graphics.Color)	4293079148 (0xFFE3306C)
YUV	108.3610, -0.1780, 104.0464
Hunter-Lab	44.1899, 65.8326, 9.3469

Details

The XYZ color **35.4423, 19.5275, 16.0885** 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 **35.6649, 58.3573, 45.9502**, and the grayscale version is **14.3403, 15.0871, 16.4298**.

A 20% lighter version of the original color is **53.2922, 35.3515, 36.8156**, and **16.3594, 8.3363, 5.1617** is the 20% darker color. If you saturate the color by 10%, you get **34.0046, 17.8283, 11.9836**, and if you desaturate by 10%, it is **37.4945, 22.2334, 21.0846**.

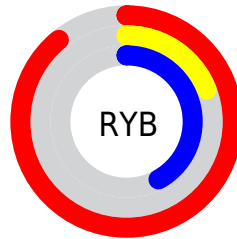
Distribution



Red (89%)

Green (19%)

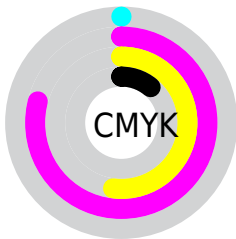
Blue (42%)



Red (89%)

Yellow (19%)

Blue (42%)

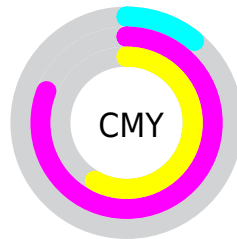


Cyan (0%)

Magenta (79%)

Yellow (52%)

Black (11%)



Cyan (11%)


Magenta (81%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4423, 19.5275, 16.0885 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 35.4423, 19.5275, 16.0885 by changing the saturation by 10% instead.

 35.4423, 19.5275,
16.0885


 35.4423, 19.5275,
16.0885


317.9903,
249.3456, 241.7269


 24.1719, 12.0521,
9.4318


 67.4999, 42.6236,
37.5207

 15.5866, 6.7791,
4.9232


 89.0178, 59.0130,
53.1333


 9.3211, 3.3244,
2.1443


 114.6823, 79.1425,
72.5682

 5.0100, 1.3033,
0.6420

 144.8587,
103.3965, 96.2440

 2.2879, 0.1438,
0.0000

 179.9123,
132.1595, 124.5792

 0.7885, 0.0000,
0.0000

220.2085,

 0.0000, 0.0000,

165.8157, 157.9924

0.0000

266.1127,
204.7496, 196.9021

■ 35.4423, 19.5275,
16.0885

■ 35.4423, 19.5275,
16.0885

■ 34.0046, 17.8283,
11.9836

■ 37.4945, 22.2334,
21.0846

■ 33.0754, 16.9350,
8.6987


■ 40.2301, 26.0728,
27.0271


■ 32.9857, 16.8537,
8.3662

■ 43.7097, 31.1570,
33.9672


■ 47.9865, 37.5832,
41.9515

■ 53.1087, 45.4388,
51.0233

 59.1205, 54.8037,
61.2236

 66.0629, 65.7518,
72.5908

 73.9743, 78.3524,
85.1617

 82.8909, 92.6704,
98.9711

Harmonies

Analogous

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



34.2150, 19.5275, 38.9838



35.4423, 19.5275, 16.0885



31.3283, 19.5275, 5.1249

Triad

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



35.4423, 19.5275, 16.0885



11.3556, 19.5275, 3.0482



14.0061, 19.5275, 81.5573

Complementary

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



35.4423, 19.5275, 16.0885



35.6649, 58.3573, 45.9502

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.



9.8400, 19.5275, 55.5948



35.4423, 19.5275, 16.0885



8.6011, 19.5275, 9.9380

Square

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



35.4423, 19.5275, 16.0885



16.6529, 19.5275, 1.3445



8.1270, 19.5275, 27.4407



20.6080, 19.5275, 87.3510

Rectangle

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



35.4423, 19.5275, 16.0885



26.6022, 19.5275, 2.3824



8.1270, 19.5275, 27.4407



12.3283, 19.5275, 74.3595

Sweetspot

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



35.4428, 19.5286, 16.0888



72.6647, 64.6255, 72.4708



30.3058, 15.5914, 74.0850



14.9717, 12.9293, 14.5166



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.



35.4428, 19.5286, 16.0888



43.3984, 22.3486, 12.6016



34.7190, 21.5578, 5.1290



14.5752, 14.4473, 15.9637



19.2860, 9.8486, 5.1350



1.4671, 0.7446, 0.6005

Inverse Universe

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



35.4428, 19.5286, 16.0888



43.3984, 22.3486, 12.6016



35.7742, 47.5537, 79.9661



14.5752, 14.4473, 15.9637



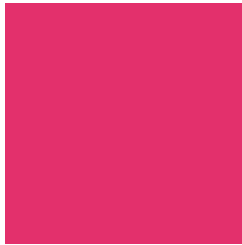
19.2860, 9.8486, 5.1350



1.4671, 0.7446, 0.6005

Previews

White Background



This preview shows how the XYZ color 35.4423, 19.5275, 16.0885 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 35.4423, 19.5275, 16.0885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

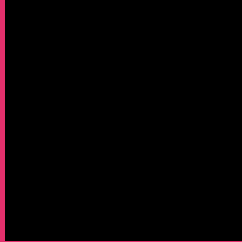
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4423, 19.5275, 16.0885

Background



This preview shows how black text looks on a background with the XYZ color 35.4423, 19.5275, 16.0885.

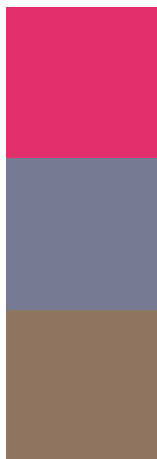


This preview shows how white text looks on a background with the XYZ color 35.4423, 19.5275,

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

35.4423, 19.5275, 16.0885

Protanopia

19.6972, 19.8772, 30.4023

Deuteranopia

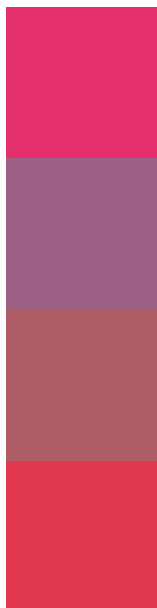
20.0583, 19.6974, 14.5492



Tritanopia

33.5367, 19.5871, 6.5705

Trichromacy



Original Color

35.4423, 19.5275, 16.0885

Protanomaly

22.4264, 17.1470, 24.3180

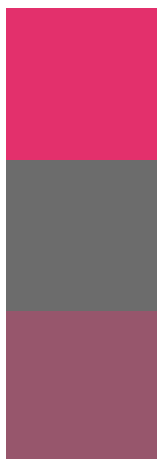
Deuteranomaly

23.7682, 17.7867, 14.7508

Tritanomaly

34.1895, 19.5616, 9.3709

Monochromacy



Original Color

35.4423, 19.5275, 16.0885

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

18.7971, 14.3176, 15.9602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4423, 19.5275, 16.0885 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(227, 48, 108)` looks like.

```
.text, #text, p{  
    color:rgb(227, 48, 108)  
}
```

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(227, 48, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 48, 108) }
```

Border

The CSS property to change the border of an element to XYZ 35.4423, 19.5275, 16.0885 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(227, 48, 108) }
```


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

```
.border{ border-color:rgb(227, 48, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 48, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 48, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 48, 108);  
box-shadow:4px 4px 4px 4px rgb(227, 48,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4423, 19.5275, 16.0885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 48, 108) }
```

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

```
.background{ background-color: rgb(227, 48,  
108) }
```

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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