

Converting Colors

XYZ(35.9299, 22.9396, 16.5519)

Have a look what the booklet for
XYZ(35.9299, 22.9396, 16.5519)
contains.

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Color

**XYZ(35.9484, 22.9318,
16.4415)**

Conversions

Conversions Part 1

Format	Color
Hex	DE546B
RGB	222, 84, 107
RGB Percent	87%, 33%, 42%
CMY	0.1294, 0.6706, 0.5804
CMYK	0.00, 0.62, 0.52, 0.13
HSL	350°, 68%, 60%
HSV	350°, 62%, 87%
XYZ	35.9484, 22.9318, 16.4415
YIQ	127.8840, 74.8650, 36.4090

Conversions

Conversions Part 2

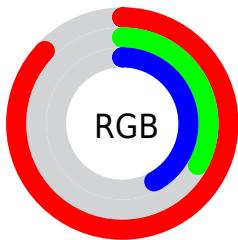
Format	Color
R_{YB}	222, 84, 107
Decimal	14570603
CIE Lab	55.00, 55.55, 15.92
CIE LCh	55, 57.782, 15.988
Yxy	22.9318, 0.4773, 0.3045
Android (android.graphics.Color)	4292760683 (0xFFDE546B)
YUV	127.8840, -10.2958, 82.5397
Hunter-Lab	47.8872, 50.1956, 13.1645

Details

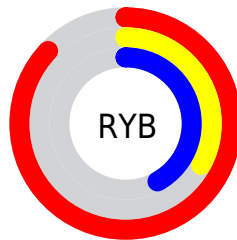
The XYZ color **35.9484, 22.9318, 16.4415** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **40.0878, 58.2515, 63.1683**, and the grayscale version is **20.4950, 21.5623, 23.4814**.

A 20% lighter version of the original color is **56.6442, 42.1939, 37.5065**, and **15.7817, 8.4396, 5.0722** is the 20% darker color. If you saturate the color by 10%, you get **33.6186, 19.6669, 11.3656**, and if you desaturate by 10%, it is **39.0335, 27.3742, 22.7969**.

Distribution



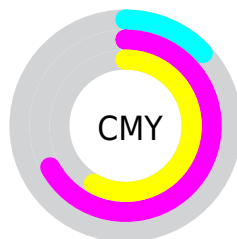
- Red (87%)
- Green (33%)
- Blue (42%)



- Red (87%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (62%)
- Yellow (52%)
- Black (13%)





- Cyan (13%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9484, 22.9318, 16.4415 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 35.9484, 22.9318, 16.4415 by changing the saturation by 10% instead.

 35.9484, 22.9318,
16.4415


 35.9484, 22.9318,
16.4415


320.1701,
267.3745, 243.8670

 24.5643, 14.5432,
9.6794


 68.2768, 48.2813,
38.1404


 15.8797, 8.4994,
5.0841


 89.9518, 66.0110,
53.9142

 9.5294, 4.4161,
2.2371


 115.7878, 87.6231,
73.5291

 5.1479, 1.9090,
0.6956

 146.1501,
113.5021, 97.4034

 2.3700, 0.5538,
0.0000

181.4042,
144.0323, 125.9559

 0.8301, 0.0000,
0.0000

221.9153,

 0.0000, 0.0000,

179.5982, 159.6049

0.0000

268.0488,
220.5842, 198.7691

■ 35.9484, 22.9318,
16.4415

■ 35.9484, 22.9318,
16.4415

■ 33.6186, 19.6669,
11.3656

■ 39.0335, 27.3742,
22.7969

■ 31.9752, 17.4631,
7.4795

■ 42.9309, 33.0883,
30.5106

■ 30.9395, 16.1867,
4.6834

■ 47.6943, 40.1635,
39.6562

■ 30.4579, 15.6631,
3.1674

■ 53.3719, 48.6796,
50.3017

■ 60.0087, 58.7105,
62.5106

■ 67.6465, 70.3250,
76.3430

■ 76.3245, 83.5876,
91.8554

■ 83.9341, 94.2696,
108.3798

Harmonies

Analogous

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



36.1025, 22.9318, 34.5452



35.9484, 22.9318, 16.4415



31.5483, 22.9318, 7.1958

Triad

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



35.9484, 22.9318, 16.4415



14.0682, 22.9318, 7.5786



18.9414, 22.9318, 77.3823

Complementary

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



35.9484, 22.9318, 16.4415



40.0878, 58.2515, 63.1683

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.



14.2942, 22.9318, 60.0062



35.9484, 22.9318, 16.4415



11.8780, 22.9318, 17.3492

Square

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



35.9484, 22.9318, 16.4415



18.5693, 22.9318, 4.0697



11.9517, 22.9318, 36.0284



25.3763, 22.9318, 76.7134

Rectangle

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



35.9484, 22.9318, 16.4415



27.2156, 22.9318, 4.5958



11.9517, 22.9318, 36.0284



17.1483, 22.9318, 73.1925

Sweetspot

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



35.9490, 22.9331, 16.4419



75.6613, 70.5548, 73.6668



39.9093, 23.7581, 71.5894



15.6624, 14.2992, 14.7826



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.



35.9490, 22.9331, 16.4419



45.1530, 25.7361, 13.5616



39.7081, 32.1365, 12.4994



13.7999, 13.7376, 14.7167



18.1189, 9.3146, 2.0260



1.2845, 0.6571, 0.2909

Inverse Universe

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



35.9490, 22.9331, 16.4419



45.1530, 25.7361, 13.5616



32.3675, 38.2108, 74.7765



13.7999, 13.7376, 14.7167



18.1189, 9.3146, 2.0260



1.2845, 0.6571, 0.2909

Previews

White Background



This preview shows how the XYZ color 35.9484, 22.9318, 16.4415 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 35.9484, 22.9318, 16.4415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

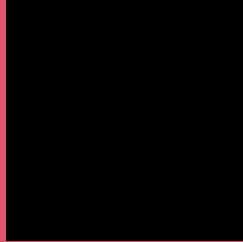
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9484, 22.9318, 16.4415

Background



This preview shows how black text looks on a background with the XYZ color 35.9484, 22.9318, 16.4415.



This preview shows how white text looks on a background with the XYZ color 35.9484, 22.9318,

16.4415.

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

35.9484, 22.9318, 16.4415

Protanopia

22.3397, 23.2921, 24.7911

Deuteranopia

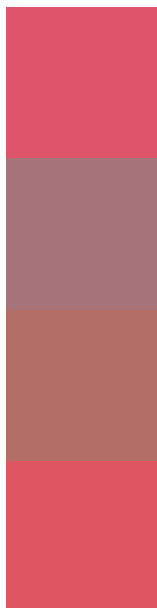
23.4072, 23.0674, 15.2754



Tritanopia

35.1588, 22.9612, 12.7041

Trichromacy



Original Color

35.9484, 22.9318, 16.4415

Protanomaly

25.5799, 21.8821, 21.2878

Deuteranomaly

26.7230, 21.9319, 15.6568

Tritanomaly

35.3043, 22.8908, 13.8669

Monochromacy



Original Color

35.9484, 22.9318, 16.4415

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

24.0846, 20.6258, 20.4811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9484, 22.9318, 16.4415 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, 84, 107)` looks like.

```
.text, #text, p{  
  color:rgb(222, 84, 107)  
}
```

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, 84, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 84, 107) }
```

Border

The CSS property to change the border of an element to XYZ 35.9484, 22.9318, 16.4415 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, 84, 107) }
```


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

```
.border{ border-color:rgb(222, 84, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 84, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 84, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 84, 107);  
box-shadow:4px 4px 4px 4px rgb(222, 84,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9484, 22.9318, 16.4415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 84, 107) }
```

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

```
.background{ background-color: rgb(222, 84,  
107) }
```

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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