

Converting Colors

XYZ(34.9874, 20.6273, 15.3595)

Have a look what the booklet for
XYZ(34.9874, 20.6273, 15.3595)
contains.

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Color

**XYZ(34.8783, 20.5839,
15.2315)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DF4268 |
| RGB | 223, 66, 104 |
| RGB Percent | 87%, 26%, 41% |
| CMY | 0.1255, 0.7411, 0.5922 |
| CMYK | 0.00, 0.70, 0.53, 0.13 |
| HSL | 345°, 71%, 57% |
| HSV | 345°, 70%, 87% |
| XYZ | 34.8783, 20.5839, 15.2315 |
| YIQ | 117.2750, 81.3740, 45.1020 |

Conversions

Conversions Part 2

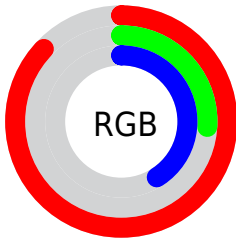
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 223, 66, 104 |
| Decimal | 14631528 |
| CIE _{Lab} | 52.49, 62.75, 14.27 |
| CIE _{LCh} | 52, 64.348, 12.809 |
| Yxy | 20.5839, 0.4934, 0.2912 |
| Android (android.graphics.Color) | 4292821608 (0xFFDF4268) |
| YUV | 117.2750, -6.5446, 92.7208 |
| Hunter-Lab | 45.3695, 57.8273, 11.8537 |

Details

The XYZ color **34.8783, 20.5839, 15.2315** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **37.3930, 57.4369, 55.0200**, and the grayscale version is **16.9971, 17.8823, 19.4738**.

A 20% lighter version of the original color is **54.3640, 38.0419, 35.4879**, and **15.6388, 7.9768, 4.5863** is the 20% darker color. If you saturate the color by 10%, you get **33.0455, 18.1575, 10.8007**, and if you desaturate by 10%, it is **37.3919, 24.0966, 20.7387**.

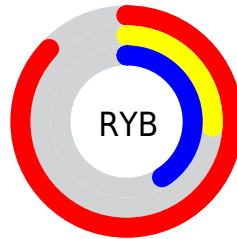
Distribution



Red (87%)

Green (26%)

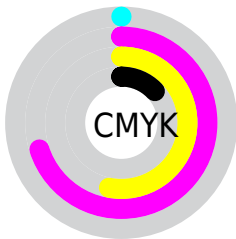
Blue (41%)



Red (87%)

Yellow (26%)

Blue (41%)

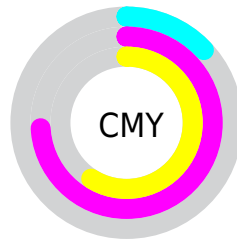


Cyan (0%)

Magenta (70%)

Yellow (53%)

Black (13%)



Cyan (13%)


Magenta (74%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8783, 20.5839, 15.2315 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 34.8783, 20.5839, 15.2315 by changing the saturation by 10% instead.


 34.8783, 20.5839,
15.2315


 34.8783, 20.5839,
15.2315


315.5483,
255.0588, 236.4520


 23.7352, 12.8202,
8.8336


 66.6325, 44.3940,
36.0068

 15.2610, 7.3048,
4.5375


 87.9742, 61.2092,
51.2213


 9.0903, 3.6535,
1.9246


 113.4463, 81.8103,
70.2118

 4.8577, 1.4817,
0.5083

 143.4140,
106.5817, 93.3967

 2.1979, 0.2758,
0.0000

 178.2427,
135.9079, 121.1946

 0.7416, 0.0000,
0.0000

218.2977,

 0.0000, 0.0000,

170.1732, 154.0241

0.0000

263.9445,
209.7621, 192.3038

■ 34.8783, 20.5839,
15.2315

■ 34.8783, 20.5839,
15.2315

■ 33.0455, 18.1575,
10.8007

■ 37.3919, 24.0966,
20.7387

■ 31.8186, 16.6841,
7.3697


■ 40.6468, 28.8014,
27.3887


■ 31.0963, 15.9539,
4.9260


■ 44.6987, 34.7954,
35.2437


■ 49.5971, 42.1645,
44.3606

■ 55.3875, 50.9875,
54.7928

 62.1121, 61.3369,
66.5906

 69.8104, 73.2805,
79.8014

 78.5194, 86.8821,
94.4705

 84.2413, 94.4279,
108.3942

Harmonies

Analogous

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



34.5074, 20.5839, 35.0790



34.8783, 20.5839, 15.2315



30.5304, 20.5839, 5.5962

Triad

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



34.8783, 20.5839, 15.2315



12.0949, 20.5839, 4.8468



16.0216, 20.5839, 78.7961

Complementary

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



34.8783, 20.5839, 15.2315



37.3930, 57.4369, 55.0200

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.



11.5998, 20.5839, 57.6676



34.8783, 20.5839, 15.2315



9.7111, 20.5839, 13.2339

Square

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



34.8783, 20.5839, 15.2315



16.8630, 20.5839, 2.3069



9.5532, 20.5839, 31.5557



22.5398, 20.5839, 80.4847

Rectangle

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



34.8783, 20.5839, 15.2315



26.0119, 20.5839, 3.0668



9.5532, 20.5839, 31.5557



14.2814, 20.5839, 73.3494

Sweetspot

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



34.8788, 20.5851, 15.2318



74.4216, 68.1194, 73.1181



34.9759, 19.3852, 71.7099



15.4410, 13.8341, 14.7776



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.



34.8788, 20.5851, 15.2318



43.9857, 23.6159, 12.5112



36.4928, 26.2372, 8.2968



13.8425, 13.7546, 14.9410



18.3215, 9.3956, 3.0930



1.3049, 0.6653, 0.3987

Inverse Universe

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



34.8788, 20.5851, 15.2318



43.9857, 23.6159, 12.5112



32.6558, 40.6645, 75.9395



13.8425, 13.7546, 14.9410



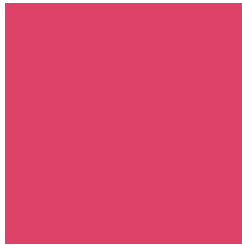
18.3215, 9.3956, 3.0930



1.3049, 0.6653, 0.3987

Previews

White Background



This preview shows how the XYZ color 34.8783, 20.5839, 15.2315 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 34.8783, 20.5839, 15.2315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

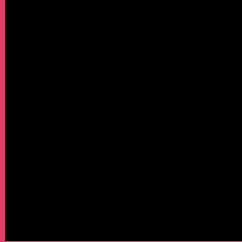
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.8783, 20.5839, 15.2315

Background



This preview shows how black text looks on a background with the XYZ color 34.8783, 20.5839, 15.2315.



This preview shows how white text looks on a background with the XYZ color 34.8783, 20.5839,

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

34.8783, 20.5839, 15.2315

Protanopia

20.2409, 20.8241, 25.5069

Deuteranopia

21.1614, 20.8152, 13.9687



Tritanopia

33.4407, 20.5287, 9.0374

Trichromacy



Original Color

34.8783, 20.5839, 15.2315

Protanomaly

23.2234, 18.9078, 21.1644

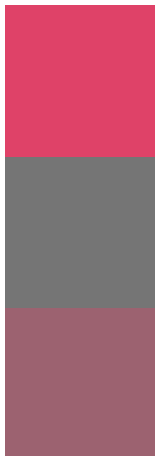
Deuteranomaly

24.5850, 19.3222, 14.2382

Tritanomaly

33.9941, 20.5818, 10.9851

Monochromacy



Original Color

34.8783, 20.5839, 15.2315

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

21.0026, 16.9731, 17.4984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8783, 20.5839, 15.2315 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(223, 66, 104)` looks like.

```
.text, #text, p{  
    color:rgb(223, 66, 104)  
}
```

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(223, 66, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 66, 104) }
```

Border

The CSS property to change the border of an element to XYZ 34.8783, 20.5839, 15.2315 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(223, 66, 104) }
```


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

```
.border{ border-color:rgb(223, 66, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 66, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 66, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 66, 104);  
box-shadow:4px 4px 4px 4px rgb(223, 66,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8783, 20.5839, 15.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 66, 104) }
```

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

```
.background{ background-color: rgb(223, 66,  
104) }
```

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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