

Converting Colors

XYZ(35.9547, 21.5025, 19.3949)

Have a look what the booklet for
XYZ(35.9547, 21.5025, 19.3949)
contains.

XYZ(35.9547, 21.5025, 19.3949)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.9547, 21.5025,
19.3949)**

Conversions

Conversions Part 1

Format	Color
Hex	DF4776
RGB	223, 71, 118
RGB Percent	87%, 28%, 46%
CMY	0.1255, 0.7215, 0.5373
CMYK	0.00, 0.68, 0.47, 0.13
HSL	341°, 70%, 58%
HSV	341°, 68%, 87%
XYZ	35.9547, 21.5025, 19.3949
YIQ	121.8060, 75.5050, 46.8410

Conversions

Conversions Part 2

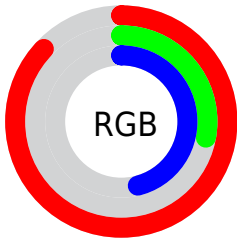
Format	Color
R_{YB}	223, 71, 118
Decimal	14632822
CIE _{Lab}	53.50, 62.06, 7.29
CIE _{LCh}	53, 62.490, 6.698
Yxy	21.5025, 0.4678, 0.2798
Android (android.graphics.Color)	4292822902 (0xFFDF4776)
YUV	121.8060, -1.8764, 88.7471
Hunter-Lab	46.3708, 57.2554, 7.6611

Details

The XYZ color **35.9547, 21.5025, 19.3949** 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 **36.8243, 57.2501, 50.1886**, and the grayscale version is **18.4253, 19.3849, 21.1102**.

A 20% lighter version of the original color is **56.3460, 39.8628, 42.7547**, and **16.0058, 8.1236, 6.5188** is the 20% darker color. If you saturate the color by 10%, you get **33.9455, 18.8315, 14.5714**, and if you desaturate by 10%, it is **38.6347, 25.2759, 25.1801**.

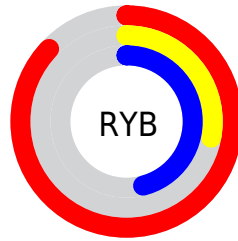
Distribution



Red (87%)

Green (28%)

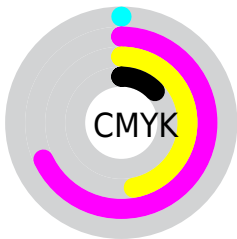
Blue (46%)



Red (87%)

Yellow (28%)

Blue (46%)

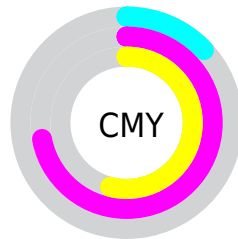


Cyan (0%)

Magenta (68%)

Yellow (47%)

Black (13%)



Cyan (13%)

Magenta (72%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9547, 21.5025, 19.3949 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 35.9547, 21.5025, 19.3949 by changing the saturation by 10% instead.


 35.9547, 21.5025,
19.3949


 35.9547, 21.5025,
19.3949


320.1972,
259.9371, 261.1152


 24.5692, 13.4918,
11.7763


 68.2865, 45.9223,
43.2459


 15.8834, 7.7681,
6.4708


 89.9634, 63.1003,
60.3153


 9.5320, 3.9469,
3.0601


 115.8015, 84.1028,
81.3721

 5.1496, 1.6439,
1.1254

 146.1662,
109.3142, 106.8348

 2.3710, 0.3869,
0.0000

 181.4227,
139.1189, 137.1219

 0.8306, 0.0000,
0.0000

221.9365,

 0.0000, 0.0000,

173.9014, 172.6520

0.0000

268.0729,
214.0460, 213.8436

■ 35.9547, 21.5025,
19.3949

■ 35.9547, 21.5025,
19.3949

■ 33.9455, 18.8315,
14.5714

■ 38.6347, 25.2759,
25.1801

■ 32.5379, 17.1362,
10.6501

■ 42.0416, 30.2529,
31.9785


■ 31.6386, 16.2422,
7.5615


■ 46.2274, 36.5272,
39.8388


■ 31.5038, 16.1169,
7.0717


■ 51.2384, 44.1823,
48.8062

■ 57.1174, 53.2944,
58.9228

 63.9042, 63.9344,
70.2288

 71.6359, 76.1683,
82.7621

 80.3476, 90.0584,
96.5590

 84.2414, 94.4279,
108.3942

Harmonies

Analogous

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



34.5793, 21.5025, 41.0987



35.9547, 21.5025, 19.3949



32.5042, 21.5025, 7.6357

Triad

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



35.9547, 21.5025, 19.3949



13.7072, 21.5025, 4.6115



15.7837, 21.5025, 75.7442

Complementary

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



35.9547, 21.5025, 19.3949



36.8243, 57.2501, 50.1886

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.



11.8017, 21.5025, 52.8346



35.9547, 21.5025, 19.3949



10.7972, 21.5025, 11.7057

Square

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



35.9547, 21.5025, 19.3949



18.9817, 21.5025, 2.6221



10.1843, 21.5025, 27.9500



21.9658, 21.5025, 81.8928

Rectangle

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



35.9547, 21.5025, 19.3949



28.2954, 21.5025, 4.2028



10.1843, 21.5025, 27.9500



14.1883, 21.5025, 69.3130

Sweetspot

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



35.9553, 21.5037, 19.3953



75.7204, 69.6007, 76.9923



33.2231, 18.9343, 71.7155



15.7128, 14.1296, 15.6333



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.



35.9553, 21.5037, 19.3953



45.0575, 24.3439, 17.2326



36.0190, 25.0430, 8.8983



13.8809, 13.7700, 15.1428



18.5684, 9.4944, 4.3932



1.3263, 0.6738, 0.5113

Inverse Universe

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



35.9553, 21.5037, 19.3953



45.0575, 24.3439, 17.2326



35.4639, 45.7584, 76.7750



13.8809, 13.7700, 15.1428



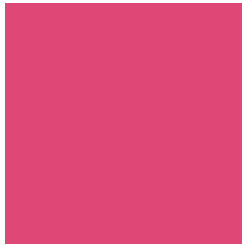
18.5684, 9.4944, 4.3932



1.3263, 0.6738, 0.5113

Previews

White Background



This preview shows how the XYZ color 35.9547, 21.5025, 19.3949 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 35.9547, 21.5025, 19.3949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

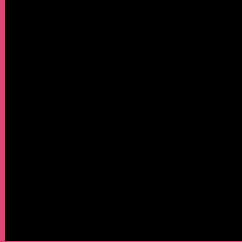
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9547, 21.5025, 19.3949

Background



This preview shows how black text looks on a background with the XYZ color 35.9547, 21.5025, 19.3949.



This preview shows how white text looks on a background with the XYZ color 35.9547, 21.5025,

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

35.9547, 21.5025, 19.3949

Protanopia

21.4066, 21.6658, 31.9078

Deuteranopia

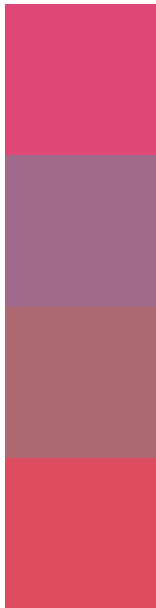
22.1095, 21.7660, 18.0749



Tritanopia

34.1761, 21.5886, 10.5494

Trichromacy



Original Color

35.9547, 21.5025, 19.3949

Protanomaly

24.3423, 19.8240, 26.5882

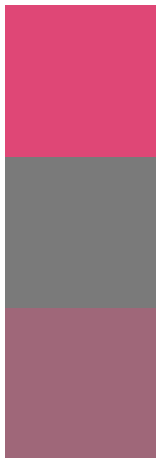
Deuteranomaly

25.7680, 20.4320, 18.5052

Tritanomaly

34.8200, 21.5430, 13.3893

Monochromacy



Original Color

35.9547, 21.5025, 19.3949

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

22.5995, 18.4519, 20.4596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9547, 21.5025, 19.3949 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, 71, 118)` looks like.

```
.text, #text, p{  
    color:rgb(223, 71, 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(223, 71, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 71, 118) }
```

Border

The CSS property to change the border of an element to XYZ 35.9547, 21.5025, 19.3949 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, 71, 118) }
```


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

```
.border{ border-color:rgb(223, 71, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 71, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 71, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 71, 118);  
box-shadow:4px 4px 4px 4px rgb(223, 71,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9547, 21.5025, 19.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 71, 118) }
```

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

```
.background{ background-color: rgb(223, 71,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor