

Converting Colors

XYZ(35.9785, 21.7158, 35.8628)

Have a look what the booklet for
XYZ(35.9785, 21.7158, 35.8628)
contains.

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Color

**XYZ(35.9509, 21.7298,
36.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	D34DA1
RGB	211, 77, 161
RGB Percent	83%, 30%, 63%
CMY	0.1725, 0.6980, 0.3686
CMYK	0.00, 0.64, 0.24, 0.17
HSL	322°, 60%, 56%
HSV	322°, 64%, 83%
XYZ	35.9509, 21.7298, 36.0177
YIQ	126.6420, 52.9000, 54.5320

Conversions

Conversions Part 2

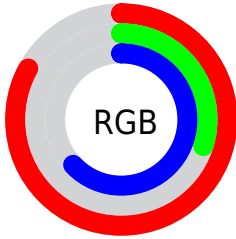
Format	Color
R_{YB}	211, 77, 161
Decimal	13847969
CIE _{Lab}	53.74, 61.00, -18.08
CIE _{LCh}	54, 63.622, 343.491
Yxy	21.7298, 0.3837, 0.2319
Android (android.graphics.Color)	4292038049 (0xFFD34DA1)
YUV	126.6420, 16.9385, 73.9820
Hunter-Lab	46.6152, 56.0873, -13.1803

Details

The XYZ color **35.9509, 21.7298, 36.0177** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **30.1867, 49.6994, 28.0829**, and the grayscale version is **19.9823, 21.0229, 22.8939**.

A 20% lighter version of the original color is **62.0222, 42.9929, 69.9953**, and **15.9080, 7.8981, 15.1540** is the 20% darker color. If you saturate the color by 10%, you get **34.0341, 18.9724, 32.0603**, and if you desaturate by 10%, it is **38.3914, 25.4642, 40.3658**.

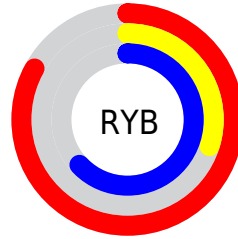
Distribution



Red (83%)

Green (30%)

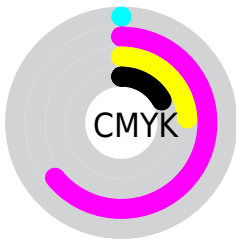
Blue (63%)



Red (83%)

Yellow (30%)

Blue (63%)

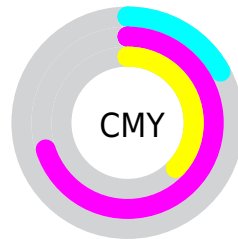


Cyan (0%)

Magenta (64%)

Yellow (24%)

Black (17%)



Cyan (17%)


Magenta (70%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9509, 21.7298, 36.0177 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 35.9509, 21.7298, 36.0177 by changing the saturation by 10% instead.


 35.9509, 21.7298,
36.0177


 35.9509, 21.7298,
36.0177


320.1809,
261.1320, 344.0777


 24.5662, 13.6585,
24.1581


 68.2806, 46.2990,
70.2287


 15.8812, 7.8835,
15.2376


 89.9564, 63.5657,
93.4172


 9.5304, 4.0205,
8.8379


 115.7932, 84.6663,
121.2191

 5.1486, 1.6850,
4.5402

 146.1565,
109.9852, 154.0528

 2.3704, 0.4139,
1.9261

 181.4115,
139.9069, 192.3370

 0.8303, 0.0000,
0.5093

221.9237,

 0.0000, 0.0000,

174.8156, 236.4902

0.0000

268.0584,
215.0958, 286.9309

■ 35.9509, 21.7298,
36.0177

■ 35.9509, 21.7298,
36.0177

■ 34.0341, 18.9724,
32.0603

■ 38.3914, 25.4642,
40.3658

■ 32.5899, 17.0919,
28.4721

■ 41.3963, 30.2562,
45.1214

■ 31.5599, 15.9723,
25.2296

■ 45.0041, 36.1818,
50.3013

■ 31.0472, 15.5222,
23.2848

■ 49.2496, 43.3089,
55.9207

■ 54.1646, 51.7003,
61.9938

■ 59.7787, 61.4141,
68.5340

■ 66.1198, 72.5050,
75.5539

■ 73.2143, 85.0245,
83.0656

■ 77.1701, 91.1874,
89.7750

Harmonies

Analogous

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



31.0577, 21.7298, 62.7051



35.9509, 21.7298, 36.0177



36.2102, 21.7298, 15.9352

Triad

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



35.9509, 21.7298, 36.0177



17.7427, 21.7298, 2.7072



12.5257, 21.7298, 60.0644

Complementary

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



35.9509, 21.7298, 36.0177



30.1867, 49.6994, 28.0829

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.



10.3459, 21.7298, 33.5480



35.9509, 21.7298, 36.0177



12.8788, 21.7298, 5.5339

Square

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



35.9509, 21.7298, 36.0177



24.6087, 21.7298, 2.8296



10.4590, 21.7298, 14.5118



17.1466, 21.7298, 81.0262

Rectangle

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



35.9509, 21.7298, 36.0177



33.6342, 21.7298, 8.3977



10.4590, 21.7298, 14.5118



11.5337, 21.7298, 51.0244

Sweetspot

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



35.9516, 21.7309, 36.0181



78.7184, 71.7777, 89.7657



23.0368, 14.4580, 63.2049



16.3960, 14.5926, 18.6460



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.



35.9516, 21.7309, 36.0181



51.4337, 28.0246, 47.3255



31.5783, 19.9816, 12.9886



12.1159, 11.9311, 13.8862



18.7879, 9.3880, 14.3212



1.0882, 0.5400, 0.9995

Inverse Universe

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



35.9516, 21.7309, 36.0181



51.4337, 28.0246, 47.3255



35.9962, 52.0232, 58.6752



12.1159, 11.9311, 13.8862



18.7879, 9.3880, 14.3212



1.0882, 0.5400, 0.9995

Previews

White Background



This preview shows how the XYZ color 35.9509, 21.7298, 36.0177 looks on a white background.

Color Contrast Check

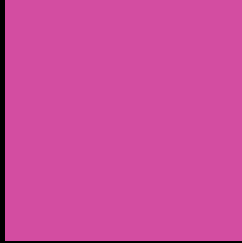
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9509, 21.7298, 36.0177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

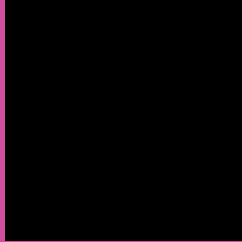
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9509, 21.7298, 36.0177

Background



This preview shows how black text looks on a background with the XYZ color 35.9509, 21.7298, 36.0177.



This preview shows how white text looks on a background with the XYZ color 35.9509, 21.7298,

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

35.9509, 21.7298, 36.0177

Protanopia

23.3759, 22.1395, 56.4674

Deuteranopia

22.3468, 21.9219, 33.6254



Tritanopia

31.6201, 21.8514, 14.3556

Trichromacy



Original Color

35.9509, 21.7298, 36.0177

Protanomaly

25.3809, 20.1908, 48.4584

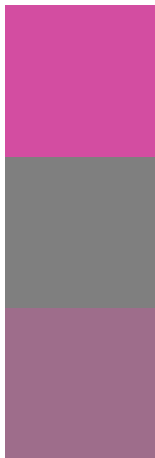
Deuteranomaly

25.7464, 20.5304, 34.5041

Tritanomaly

32.9335, 21.6314, 20.8519

Monochromacy



Original Color

35.9509, 21.7298, 36.0177

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

24.2294, 20.0705, 27.0231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9509, 21.7298, 36.0177 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(211, 77, 161)` looks like.

```
.text, #text, p{  
    color:rgb(211, 77, 161)  
}
```

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(211, 77, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 77, 161) }
```

Border

The CSS property to change the border of an element to XYZ 35.9509, 21.7298, 36.0177 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(211, 77, 161) }
```


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

```
.border{ border-color:rgb(211, 77, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 77, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 77, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 77, 161);  
box-shadow:4px 4px 4px 4px rgb(211, 77,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9509, 21.7298, 36.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 77, 161) }
```

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

```
.background{ background-color: rgb(211, 77,  
161) }
```

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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