

Converting Colors

XYZ(35.6876, 21.2210, 30.2323)

Have a look what the booklet for
XYZ(35.6876, 21.2210, 30.2323)
contains.

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Color

**XYZ(35.6870, 21.2199,
30.2319)**

Conversions

Conversions Part 1

Format	Color
Hex	D74894
RGB	215, 72, 148
RGB Percent	84%, 28%, 58%
CMY	0.1569, 0.7176, 0.4196
CMYK	0.00, 0.67, 0.31, 0.16
HSL	328°, 64%, 56%
HSV	328°, 67%, 84%
XYZ	35.6870, 21.2199, 30.2319
YIQ	123.4210, 60.8320, 53.9520

Conversions

Conversions Part 2

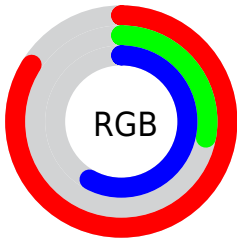
Format	Color
RYB	215, 72, 148
Decimal	14108820
CIELab	53.19, 62.48, -11.18
CIELCh	53, 63.475, 349.851
Yxy	21.2199, 0.4095, 0.2435
Android (android.graphics.Color)	4292298900 (0xFFD74894)
YUV	123.4210, 12.1174, 80.3148
Hunter-Lab	46.0651, 57.6716, -6.6657

Details

The XYZ color **35.6870, 21.2199, 30.2319** is a dark color, and the websafe version is hex **CC3399**, and the color name is **pink (pantone)**. The color can be described as middle muted rose. A complement of this color would be **31.6344, 51.8433, 32.7686**, and the grayscale version is **18.9139, 19.8989, 21.6699**.

A 20% lighter version of the original color is **59.7509, 41.2248, 60.6851**, and **15.8680, 7.9310, 12.0038** is the 20% darker color. If you saturate the color by 10%, you get **33.7690, 18.6048, 25.8281**, and if you desaturate by 10%, it is **38.1615, 24.8365, 35.1639**.

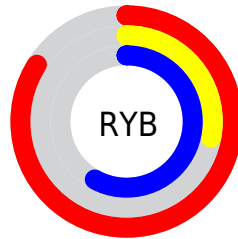
Distribution



Red (84%)

Green (28%)

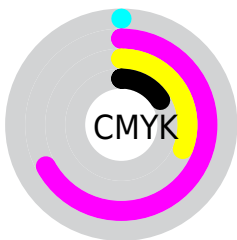
Blue (58%)



Red (84%)

Yellow (28%)

Blue (58%)

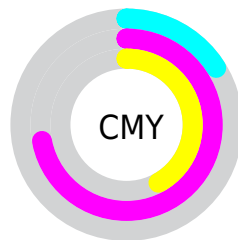


Cyan (0%)

Magenta (67%)

Yellow (31%)

Black (16%)



Cyan (16%)


Magenta (72%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6870, 21.2199, 30.2319 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 35.6870, 21.2199, 30.2319 by changing the saturation by 10% instead.

 35.6870, 21.2199,
30.2319


 35.6870, 21.2199,
30.2319

319.0456,
258.4448, 317.2248


 24.3615, 13.2848,
19.7611


 67.8757, 45.4532,
61.0941


 15.7282, 7.6250,
12.0392


 89.4697, 62.5203,
82.3225

 9.4217, 3.8559,
6.6475


 115.2172, 83.4001,
107.9740

 5.0765, 1.5933,
3.1676

 145.4837,
108.4771, 138.4669

 2.3275, 0.3531,
1.1808

 180.6343,
138.1357, 174.2200

 0.8087, 0.0000,
0.0000

221.0347,

 0.0000, 0.0000,

172.7603, 215.6516

0.0000

267.0499,
212.7352, 263.1803

■ 35.6870, 21.2199,
30.2319

■ 35.6870, 21.2199,
30.2319

■ 33.7690, 18.6048,
25.8281

■ 38.1615, 24.8365,
35.1639

■ 32.3505, 16.8809,
21.9245

■ 41.2378, 29.5431,
40.6472

■ 31.3628, 15.9128,
18.4891

■ 44.9585, 35.4222,
46.7042

■ 31.0765, 15.6680,
17.3838

■ 49.3617, 42.5472,
53.3554

■ 54.4824, 50.9857,
60.6200

60.3529, 60.8002,
68.5161

67.0037, 72.0492,
77.0611

74.4635, 84.7878,
86.2715

79.3151, 92.1794,
95.0150

Harmonies

Analogous

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



31.7010, 21.2199, 55.9773



35.6870, 21.2199, 30.2319



34.8686, 21.2199, 12.7071

Triad

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



35.6870, 21.2199, 30.2319



16.1041, 21.2199, 2.8798



12.9528, 21.2199, 64.3176

Complementary

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



35.6870, 21.2199, 30.2319



31.6344, 51.8433, 32.7686

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.



10.3190, 21.2199, 38.0288



35.6870, 21.2199, 30.2319



11.8397, 21.2199, 6.5499

Square

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



35.6870, 21.2199, 30.2319



22.5242, 21.2199, 2.4954



9.9626, 21.2199, 17.1964



17.9838, 21.2199, 81.7459

Rectangle

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



35.6870, 21.2199, 30.2319



31.7591, 21.2199, 6.6133



9.9626, 21.2199, 17.1964



11.8096, 21.2199, 55.7134

Sweetspot

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



35.6876, 21.2210, 30.2323



77.2713, 70.2211, 85.1595



25.1874, 15.0085, 65.8596



16.0823, 14.2773, 17.5789



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.



35.6876, 21.2210, 30.2323



48.7179, 26.1453, 35.4687



31.6739, 19.6155, 9.0963



12.6963, 12.5300, 14.3410



18.6415, 9.3929, 10.6822



1.1660, 0.5832, 0.8637

Inverse Universe

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



35.6876, 21.2210, 30.2323



48.7179, 26.1453, 35.4687



38.6356, 54.6438, 69.6366



12.6963, 12.5300, 14.3410



18.6415, 9.3929, 10.6822



1.1660, 0.5832, 0.8637

Previews

White Background



This preview shows how the XYZ color 35.6870, 21.2199, 30.2319 looks on a white background.

Color Contrast Check

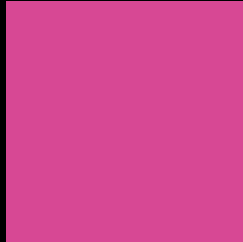
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6870, 21.2199, 30.2319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

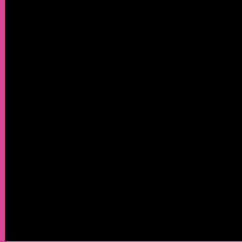
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6870, 21.2199, 30.2319

Background



This preview shows how black text looks on a background with the XYZ color 35.6870, 21.2199, 30.2319.



This preview shows how white text looks on a background with the XYZ color 35.6870, 21.2199,

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

35.6870, 21.2199, 30.2319

Protanopia

22.4022, 21.6126, 48.8899

Deuteranopia

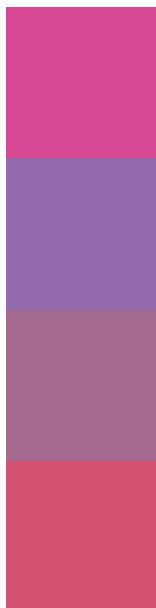
21.7728, 21.3771, 27.7896



Tritanopia

32.1235, 21.2772, 12.5390

Trichromacy



Original Color

35.6870, 21.2199, 30.2319

Protanomaly

24.6330, 19.4897, 41.4933

Deuteranomaly

25.1138, 19.8729, 28.4988

Tritanomaly

33.0184, 21.0518, 17.6524

Monochromacy



Original Color

35.6870, 21.2199, 30.2319

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

22.8255, 18.6345, 24.2236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6870, 21.2199, 30.2319 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(215, 72, 148)` looks like.

```
.text, #text, p{  
    color:rgb(215, 72, 148)  
}
```

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(215, 72, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 72, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.6870, 21.2199, 30.2319 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(215, 72, 148) }
```


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

```
.border{ border-color:rgb(215, 72, 148) }
```

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

Here you see how a box with a 4 pixel rgb(215, 72, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 72, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 72, 148);  
box-shadow:4px 4px 4px 4px rgb(215, 72,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6870, 21.2199, 30.2319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 72, 148) }
```

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

```
.background{ background-color: rgb(215, 72,  
148) }
```

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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