

Converting Colors

XYZ(35.1109, 21.0462, 33.1403)

Have a look what the booklet for
XYZ(35.1109, 21.0462, 33.1403)
contains.

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Color

**XYZ(35.2291, 21.1130,
33.2288)**

Conversions

Conversions Part 1

Format	Color
Hex	D34A9B
RGB	211, 74, 155
RGB Percent	83%, 29%, 61%
CMY	0.1725, 0.7098, 0.3922
CMYK	0.00, 0.65, 0.27, 0.17
HSL	325°, 61%, 56%
HSV	325°, 65%, 83%
XYZ	35.2291, 21.1130, 33.2288
YIQ	124.1970, 55.6510, 54.2350

Conversions

Conversions Part 2

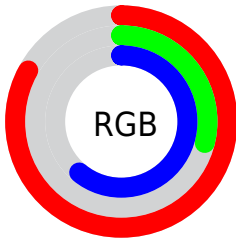
Format	Color
R_{YB}	211, 74, 155
Decimal	13847195
CIE _{Lab}	53.07, 61.43, -15.56
CIE _{LCh}	53, 63.375, 345.786
Yxy	21.1130, 0.3933, 0.2357
Android (android.graphics.Color)	4292037275 (0xFFD34A9B)
YUV	124.1970, 15.1859, 76.1262
Hunter-Lab	45.9489, 56.4458, -10.7125

Details

The XYZ color **35.2291, 21.1130, 33.2288** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **30.1487, 49.6566, 29.1174**, and the grayscale version is **19.1628, 20.1608, 21.9551**.

A 20% lighter version of the original color is **60.9892, 42.1457, 65.8932**, and **15.6356, 7.7718, 13.7727** is the 20% darker color. If you saturate the color by 10%, you get **33.3505, 18.4737, 29.1555**, and if you desaturate by 10%, it is **37.6330, 24.7196, 37.7329**.

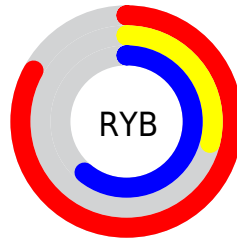
Distribution



Red (83%)

Green (29%)

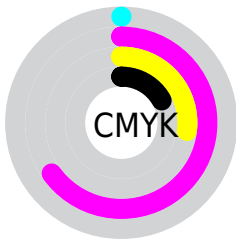
Blue (61%)



Red (83%)

Yellow (29%)

Blue (61%)

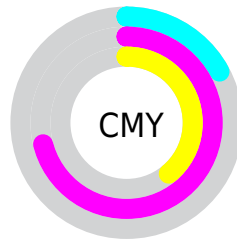


Cyan (0%)

Magenta (65%)

Yellow (27%)

Black (17%)



Cyan (17%)

Magenta (71%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2291, 21.1130, 33.2288 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 35.2291, 21.1130, 33.2288 by changing the saturation by 10% instead.

35.2291, 21.1130,
33.2288

35.2291, 21.1130,
33.2288

317.0687,
257.8784, 331.3430

24.0067, 13.2066,
22.0292

67.1722, 45.2755,
65.8527

15.4634, 7.5710,
13.6799

88.6237, 62.3005,
88.1141

9.2337, 3.8217,
7.7621

114.2156, 83.1337,
114.8999

4.9522, 1.5743,
3.8575

144.3132,
108.1597, 146.6285

2.2537, 0.3402,
1.5475

179.2820,
137.7627, 183.7187

0.7708, 0.0000,
0.2530

219.4873,

0.0000, 0.0000,

172.3273, 226.5887

0.0000

265.2944,
212.2377, 275.6574

■ 35.2291, 21.1130,
33.2288

■ 35.2291, 21.1130,
33.2288

■ 33.3505, 18.4737,
29.1555

■ 37.6330, 24.7196,
37.7329

■ 31.9447, 16.6993,
25.4896

■ 40.6039, 29.3759,
42.6863

■ 30.9511, 15.6699,
22.2057

■ 44.1813, 35.1590,
48.1073

■ 30.5496, 15.3231,
20.6651

■ 48.4004, 42.1380,
54.0125

■ 53.2938, 50.3761,
60.4175

■ 58.8915, 59.9325,
67.3369

■ 65.2221, 70.8622,
74.7846

■ 72.3120, 83.2171,
82.7740

■ 77.2788, 91.2308,
90.3486

Harmonies

Analogous

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



30.7245, 21.1130, 59.2528



35.2291, 21.1130, 33.2288



35.0969, 21.1130, 14.3801

Triad

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



35.2291, 21.1130, 33.2288



16.7791, 21.1130, 2.6703



12.3920, 21.1130, 60.6012

Complementary

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



35.2291, 21.1130, 33.2288



30.1487, 49.6566, 29.1174

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.



10.0894, 21.1130, 34.4876



35.2291, 21.1130, 33.2288



12.2126, 21.1130, 5.7184

Square

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



35.2291, 21.1130, 33.2288



23.3812, 21.1130, 2.6087



10.0320, 21.1130, 15.1032



17.0823, 21.1130, 80.0731

Rectangle

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



35.2291, 21.1130, 33.2288



32.3609, 21.1130, 7.5132



10.0320, 21.1130, 15.1032



11.3637, 21.1130, 51.8199

Sweetspot

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



35.2297, 21.1141, 33.2292



78.4675, 71.6773, 88.4442



23.2308, 14.2536, 63.1549



16.3352, 14.5683, 18.3257



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.



35.2297, 21.1141, 33.2292



50.2692, 27.1421, 42.4775



31.0626, 19.4472, 11.2855



12.0978, 11.9239, 13.7907



18.4886, 9.2683, 12.7452



1.0726, 0.5338, 0.9173

Inverse Universe

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



35.2297, 21.1141, 33.2292



50.2692, 27.1421, 42.4775



36.2315, 52.0898, 61.1490



12.0978, 11.9239, 13.7907



18.4886, 9.2683, 12.7452



1.0726, 0.5338, 0.9173

Previews

White Background



This preview shows how the XYZ color 35.2291, 21.1130, 33.2288 looks on a white background.

Color Contrast Check

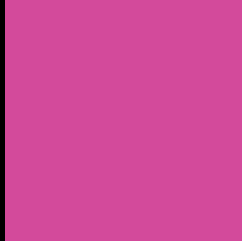
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2291, 21.1130, 33.2288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

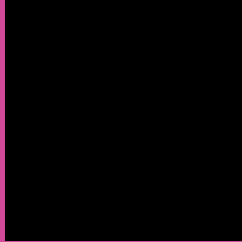
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.2291, 21.1130, 33.2288

Background



This preview shows how black text looks on a background with the XYZ color 35.2291, 21.1130, 33.2288.



This preview shows how white text looks on a background with the XYZ color 35.2291, 21.1130,

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

35.2291, 21.1130, 33.2288

Protanopia

22.5570, 21.4161, 52.8140

Deuteranopia

21.7589, 21.2992, 30.9813



Tritanopia

31.0915, 21.0928, 13.2591

Trichromacy



Original Color

35.2291, 21.1130, 33.2288



Protanomaly

24.6184, 19.4024, 45.0953



Deuteranomaly

25.0380, 19.9134, 31.8022



Tritanomaly

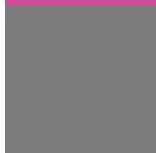
32.3936, 21.0349, 19.1824

Monochromacy



Original Color

35.2291, 21.1130, 33.2288



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

23.2375, 19.1253, 25.3885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2291, 21.1130, 33.2288 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, 74, 155)` looks like.

```
.text, #text, p{  
    color:rgb(211, 74, 155)  
}
```

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, 74, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 74, 155) }
```

Border

The CSS property to change the border of an element to XYZ 35.2291, 21.1130, 33.2288 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, 74, 155) }
```


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

```
.border{ border-color:rgb(211, 74, 155) }
```

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

Here you see how a box with a 4 pixel rgb(211, 74, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 74, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 74, 155);  
box-shadow:4px 4px 4px 4px rgb(211, 74,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2291, 21.1130, 33.2288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 74, 155) }
```

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

```
.background{ background-color: rgb(211, 74,  
155) }
```

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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