

Converting Colors

XYZ(35.8788, 21.5414, 29.0529)

Have a look what the booklet for
XYZ(35.8788, 21.5414, 29.0529)
contains.

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Color

**XYZ(35.8785, 21.5408,
29.0549)**

Conversions

Conversions Part 1

Format	Color
Hex	D84A91
RGB	216, 74, 145
RGB Percent	85%, 29%, 57%
CMY	0.1529, 0.7098, 0.4314
CMYK	0.00, 0.66, 0.33, 0.15
HSL	330°, 65%, 57%
HSV	330°, 66%, 85%
XYZ	35.8785, 21.5408, 29.0549
YIQ	124.5520, 61.8410, 52.1850

Conversions

Conversions Part 2

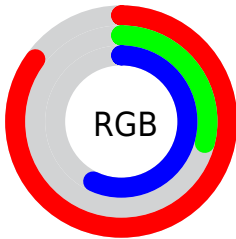
Format	Color
R_{YB}	216, 74, 145
Decimal	14174865
CIE _{Lab}	53.54, 61.63, -8.87
CIE _{LCh}	54, 62.265, 351.810
Yxy	21.5408, 0.4149, 0.2491
Android (android.graphics.Color)	4292364945 (0xFFD84A91)
YUV	124.5520, 10.0809, 80.1999
Hunter-Lab	46.4121, 56.7670, -4.6283

Details

The XYZ color **35.8785, 21.5408, 29.0549** 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 **32.4920, 52.6125, 35.2338**, and the grayscale version is **19.2964, 20.3013, 22.1082**.

A 20% lighter version of the original color is **59.6651, 41.6161, 58.9208**, and **15.9702, 7.9943, 11.5278** is the 20% darker color. If you saturate the color by 10%, you get **33.8823, 18.8183, 24.4740**, and if you desaturate by 10%, it is **38.4500, 25.2869, 34.2186**.

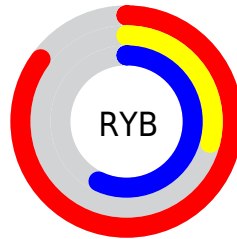
Distribution



Red (85%)

Green (29%)

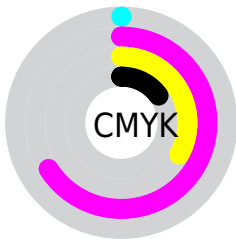
Blue (57%)



Red (85%)

Yellow (29%)

Blue (57%)

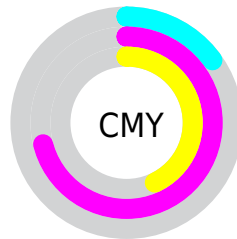


Cyan (0%)

Magenta (66%)

Yellow (33%)

Black (15%)



Cyan (15%)


Magenta (71%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8785, 21.5408, 29.0549 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 35.8785, 21.5408, 29.0549 by changing the saturation by 10% instead.

 35.8785, 21.5408,
29.0549


 35.8785, 21.5408,
29.0549

319.8697,
260.1387, 311.5429


 24.5100, 13.5199,
18.8764


 68.1696, 45.9859,
59.2075


 15.8392, 7.7875,
11.4051


 89.8229, 63.1788,
80.0188


 9.5006, 3.9593,
6.2224


 115.6353, 84.1978,
105.2113

 5.1288, 1.6508,
2.9098

 145.9720,
109.4274, 135.2037

 2.3586, 0.3915,
1.0488

 181.1985,
139.2519, 170.4146

 0.8244, 0.0000,
0.0000

221.6800,

 0.0000, 0.0000,

174.0557, 211.2624

0.0000

267.7819,
214.2232, 258.1656

■ 35.8785, 21.5408,
29.0549

■ 35.8785, 21.5408,
29.0549

■ 33.8823, 18.8183,
24.4740

■ 38.4500, 25.2869,
34.2186

■ 32.4041, 17.0090,
20.4455

■ 41.6428, 30.1454,
39.9903


■ 31.3770, 15.9821,
16.9358


■ 45.4998, 36.1991,
46.3945

■ 31.0254, 15.6815,
15.5775

■ 50.0596, 43.5219,
53.4538

■ 55.3577, 52.1818,
61.1893

 61.4272, 62.2420,
69.6210

 68.2989, 73.7614,
78.7682

 76.0021, 86.7956,
88.6490

 80.1368, 92.5421,
97.8050

Harmonies

Analogous

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



32.2292, 21.5408, 54.0794



35.8785, 21.5408, 29.0549



34.7521, 21.5408, 12.3287

Triad

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



35.8785, 21.5408, 29.0549



16.0898, 21.5408, 3.2566



13.5547, 21.5408, 65.4949

Complementary

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



35.8785, 21.5408, 29.0549



32.4920, 52.6125, 35.2338

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.



10.7653, 21.5408, 39.8192



35.8785, 21.5408, 29.0549



11.9935, 21.5408, 7.3389

Square

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



35.8785, 21.5408, 29.0549



22.3460, 21.5408, 2.6914



10.2632, 21.5408, 18.6240



18.7094, 21.5408, 81.4044

Rectangle

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



35.8785, 21.5408, 29.0549



31.5332, 21.5408, 6.5538



10.2632, 21.5408, 18.6240



12.3598, 21.5408, 57.2244

Sweetspot

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



35.8791, 21.5419, 29.0553



77.0455, 70.1308, 83.9702



26.5218, 15.8766, 66.6324



16.0283, 14.2557, 17.2943



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.



35.8791, 21.5419, 29.0553



48.3936, 26.1987, 33.1962



32.0045, 19.9921, 8.6520



12.6796, 12.5233, 14.2531



18.4184, 9.3037, 9.5073



1.1527, 0.5779, 0.7935

Inverse Universe

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



35.8791, 21.5419, 29.0553



48.3936, 26.1987, 33.1962



39.7752, 55.5258, 73.5870



12.6796, 12.5233, 14.2531



18.4184, 9.3037, 9.5073



1.1527, 0.5779, 0.7935

Previews

White Background



This preview shows how the XYZ color 35.8785, 21.5408, 29.0549 looks on a white background.

Color Contrast Check

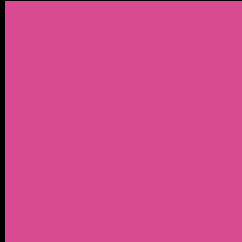
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8785, 21.5408, 29.0549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

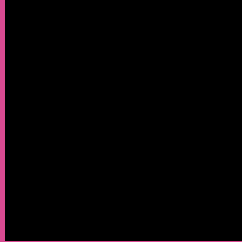
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.8785, 21.5408, 29.0549

Background



This preview shows how black text looks on a background with the XYZ color 35.8785, 21.5408, 29.0549.



This preview shows how white text looks on a background with the XYZ color 35.8785, 21.5408,

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

35.8785, 21.5408, 29.0549

Protanopia

22.6120, 21.9597, 46.7629

Deuteranopia

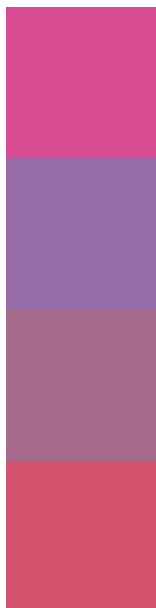
22.2376, 21.8206, 27.0845



Tritanopia

32.4913, 21.5861, 12.5793

Trichromacy



Original Color

35.8785, 21.5408, 29.0549

Protanomaly

25.0081, 20.0363, 39.5951

Deuteranomaly

25.6876, 20.3381, 27.7711

Tritanomaly

33.3271, 21.3284, 17.3992

Monochromacy



Original Color

35.8785, 21.5408, 29.0549

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.4194, 19.2431, 24.3097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8785, 21.5408, 29.0549 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(216, 74, 145)` looks like.

```
.text, #text, p{  
    color:rgb(216, 74, 145)  
}
```

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(216, 74, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 74, 145) }
```

Border

The CSS property to change the border of an element to XYZ 35.8785, 21.5408, 29.0549 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(216, 74, 145) }
```


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

```
.border{ border-color:rgb(216, 74, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 74, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 74, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 74, 145);  
box-shadow:4px 4px 4px 4px rgb(216, 74,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8785, 21.5408, 29.0549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 74, 145) }
```

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

```
.background{ background-color: rgb(216, 74,  
145) }
```

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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