

Converting Colors

XYZ(35.4701, 21.4599, 29.6887)

Have a look what the booklet for
XYZ(35.4701, 21.4599, 29.6887)
contains.

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Color

**XYZ(35.5141, 21.4349,
29.8693)**

Conversions

Conversions Part 1

Format	Color
Hex	D64B93
RGB	214, 75, 147
RGB Percent	84%, 29%, 58%
CMY	0.1608, 0.7059, 0.4235
CMYK	0.00, 0.65, 0.31, 0.16
HSL	329°, 63%, 57%
HSV	329°, 65%, 84%
XYZ	35.5141, 21.4349, 29.8693
YIQ	124.7690, 59.7320, 51.8600

Conversions

Conversions Part 2

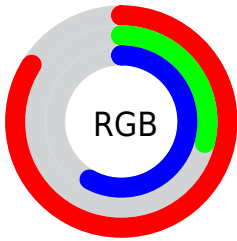
Format	Color
R_{YB}	214, 75, 147
Decimal	14044051
CIE _{Lab}	53.42, 60.89, -10.26
CIE _{LCh}	53, 61.753, 350.437
Yxy	21.4349, 0.4091, 0.2469
Android (android.graphics.Color)	4292234131 (0xFFD64B93)
YUV	124.7690, 10.9599, 78.2556
Hunter-Lab	46.2978, 55.9024, -5.8428

Details

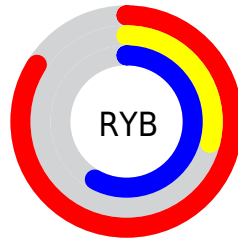
The XYZ color **35.5141, 21.4349, 29.8693** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **31.8320, 51.5426, 33.8653**, and the grayscale version is **19.3667, 20.3753, 22.1887**.

A 20% lighter version of the original color is **60.0339, 41.9796, 60.1971**, and **15.6289, 7.8131, 11.7507** is the 20% darker color. If you saturate the color by 10%, you get **33.5254, 18.6953, 25.3901**, and if you desaturate by 10%, it is **38.0646, 25.1817, 34.8943**.

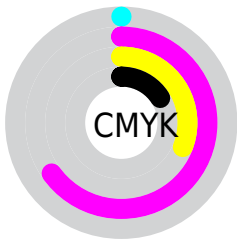
Distribution



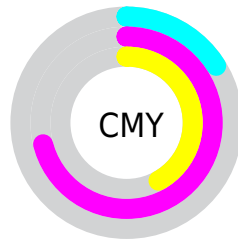
- Red (84%)
- Green (29%)
- Blue (58%)



- Red (84%)
- Yellow (29%)
- Blue (58%)



- Cyan (0%)
- Magenta (65%)
- Yellow (31%)
- Black (16%)





- Cyan (16%)
- Magenta (71%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5141, 21.4349, 29.8693 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 35.5141, 21.4349, 29.8693 by changing the saturation by 10% instead.


 35.5141, 21.4349,
29.8693


 35.5141, 21.4349,
29.8693


318.3002,
259.5808, 315.4831

 24.2275, 13.4423,
19.4882


 67.6102, 45.8102,
60.5140


 15.6281, 7.7338,
11.8432


 89.1505, 62.9617,
81.6146


 9.3506, 3.9251,
6.5158


 114.8393, 83.9349,
107.1256

 5.0295, 1.6317,
3.0873

 145.0422,
109.1142, 137.4653

 2.2995, 0.3789,
1.1394

 180.1243,
138.8841, 173.0524

 0.7944, 0.0000,
0.0000

220.4511,

 0.0000, 0.0000,

173.6289, 214.3053

0.0000

266.3879,
213.7330, 261.6427

■ 35.5141, 21.4349,
29.8693

■ 35.5141, 21.4349,
29.8693

■ 33.5254, 18.6953,
25.3901

■ 38.0646, 25.1817,
34.8943

■ 32.0435, 16.8563,
21.4285

■ 41.2211, 30.0213,
40.4883


■ 31.0046, 15.7933,
17.9536


■ 45.0250, 36.0340,
46.6740


■ 30.5922, 15.4404,
16.3617


■ 49.5136, 43.2914,
53.4722

■ 54.7212, 51.8594,
60.9025

 60.6796, 61.7993,
68.9834

 67.4189, 73.1685,
77.7325

 74.9671, 86.0210,
87.1667

 79.1962, 92.0980,
95.9172

Harmonies

Analogous

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



31.7262, 21.4349, 54.7357



35.5141, 21.4349, 29.8693



34.6256, 21.4349, 12.8613

Triad

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



35.5141, 21.4349, 29.8693



16.2787, 21.4349, 3.2167



13.3492, 21.4349, 63.7325

Complementary

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



35.5141, 21.4349, 29.8693



31.8320, 51.5426, 33.8653

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.



10.6922, 21.4349, 38.3612



35.5141, 21.4349, 29.8693



12.1143, 21.4349, 7.0634

Square

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



35.5141, 21.4349, 29.8693



22.5414, 21.4349, 2.7668



10.2947, 21.4349, 17.8374



18.3488, 21.4349, 80.1565

Rectangle

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



35.5141, 21.4349, 29.8693



31.5603, 21.4349, 6.8748



10.2947, 21.4349, 17.8374



12.2020, 21.4349, 55.4842

Sweetspot

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



35.5147, 21.4360, 29.8697



77.9591, 71.4740, 85.7669



25.4478, 15.4526, 65.2598



16.2123, 14.5191, 17.6785



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.



35.5147, 21.4360, 29.8697



48.9277, 26.6055, 35.4131



31.6830, 19.9033, 9.6919



12.6891, 12.5272, 14.3033



18.5439, 9.3539, 10.1682



1.1602, 0.5809, 0.8332

Inverse Universe

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



35.5147, 21.4360, 29.8697



48.9277, 26.6055, 35.4131



38.5030, 54.2111, 68.9946



12.6891, 12.5272, 14.3033



18.5439, 9.3539, 10.1682



1.1602, 0.5809, 0.8332

Previews

White Background



This preview shows how the XYZ color 35.5141, 21.4349, 29.8693 looks on a white background.

Color Contrast Check

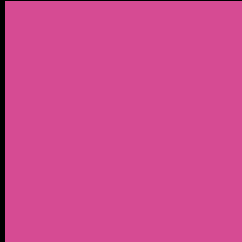
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5141, 21.4349, 29.8693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

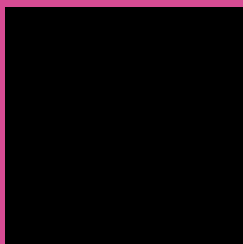
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5141, 21.4349, 29.8693

Background



This preview shows how black text looks on a background with the XYZ color 35.5141, 21.4349, 29.8693.



This preview shows how white text looks on a background with the XYZ color 35.5141, 21.4349,

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

35.5141, 21.4349, 29.8693

Protanopia

22.4599, 21.6786, 47.2566

Deuteranopia

22.0589, 21.7116, 27.8391



Tritanopia

32.0884, 21.4892, 13.0463

Trichromacy



Original Color

35.5141, 21.4349, 29.8693

Protanomaly

24.6319, 19.6759, 40.0357

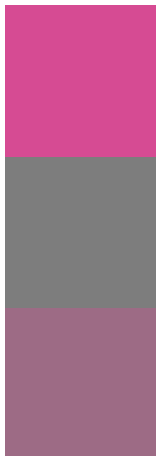
Deuteranomaly

25.5255, 20.3911, 28.5771

Tritanomaly

32.9379, 21.2277, 17.9841

Monochromacy



Original Color

35.5141, 21.4349, 29.8693

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.3960, 19.3769, 24.6973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5141, 21.4349, 29.8693 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(214, 75, 147)` looks like.

```
.text, #text, p{  
    color:rgb(214, 75, 147)  
}
```

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(214, 75, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 75, 147) }
```

Border

The CSS property to change the border of an element to XYZ 35.5141, 21.4349, 29.8693 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(214, 75, 147) }
```


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

```
.border{ border-color:rgb(214, 75, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 75, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 75, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 75, 147);  
box-shadow:4px 4px 4px 4px rgb(214, 75,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5141, 21.4349, 29.8693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 75, 147) }
```

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

```
.background{ background-color: rgb(214, 75,  
147) }
```

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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