

Converting Colors

XYZ(35.0588, 21.0851, 39.4156)

Have a look what the booklet for
XYZ(35.0588, 21.0851, 39.4156)
contains.

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Color

**XYZ(35.1059, 21.1178,
39.2717)**

Conversions

Conversions Part 1

Format	Color
Hex	CE4CA8
RGB	206, 76, 168
RGB Percent	81%, 30%, 66%
CMY	0.1922, 0.7019, 0.3412
CMYK	0.00, 0.63, 0.18, 0.19
HSL	318°, 57%, 55%
HSV	318°, 63%, 81%
XYZ	35.1059, 21.1178, 39.2717
YIQ	125.3580, 47.9480, 56.1720

Conversions

Conversions Part 2

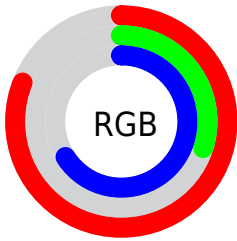
Format	Color
R_{YB}	206, 76, 168
Decimal	13520040
CIE _{Lab}	53.08, 60.99, -23.26
CIE _{LCh}	53, 65.279, 339.121
Yxy	21.1178, 0.3676, 0.2211
Android (android.graphics.Color)	4291710120 (0xFFCE4CA8)
YUV	125.3580, 21.0225, 70.7230
Hunter-Lab	45.9541, 55.9425, -18.5005

Details

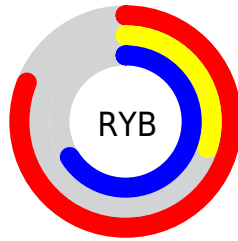
The XYZ color **35.1059, 21.1178, 39.2717** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **28.0901, 46.8947, 23.4926**, and the grayscale version is **19.5345, 20.5518, 22.3809**.

A 20% lighter version of the original color is **62.8105, 43.0902, 74.8188**, and **15.3651, 7.5569, 17.1718** is the 20% darker color. If you saturate the color by 10%, you get **33.3590, 18.5009, 35.9853**, and if you desaturate by 10%, it is **37.3343, 24.6556, 42.8471**.

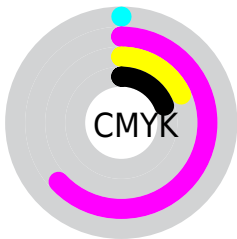
Distribution



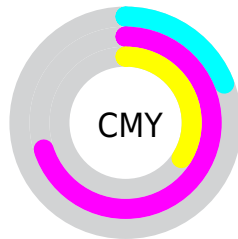
- Red (81%)
- Green (30%)
- Blue (66%)



- Red (81%)
- Yellow (30%)
- Blue (66%)



- Cyan (0%)
- Magenta (63%)
- Yellow (18%)
- Black (19%)





- Cyan (19%)
- Magenta (70%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1059, 21.1178, 39.2717 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 35.1059, 21.1178, 39.2717 by changing the saturation by 10% instead.


 35.1059, 21.1178,
39.2717

 35.1059, 21.1178,
39.2717


316.5354,
257.9039, 358.5047

 23.9114, 13.2101,
26.6617


 66.9827, 45.2835,
75.2781


 15.3923, 7.5734,
17.0891


 88.3957, 62.3103,
99.5116


 9.1832, 3.8232,
10.1354


 113.9456, 83.1457,
128.4567

 4.9190, 1.5752,
5.3821

 143.9977,
108.1739, 162.5319

 2.2341, 0.3408,
2.4105

 178.9174,
137.7795, 202.1557

 0.7606, 0.0000,
0.7922

219.0699,

 0.0000, 0.0000,

172.3467, 247.7468

0.0000

264.8208,
212.2601, 299.7236

■ 35.1059, 21.1178,
39.2717

■ 35.1059, 21.1178,
39.2717

■ 33.3590, 18.5009,
35.9853

■ 37.3343, 24.6556,
42.8471

■ 32.0462, 16.7114,
32.9700

■ 40.0819, 29.1898,
46.7253

■ 31.1134, 15.6415,
30.2060

■ 43.3845, 34.7914,
50.9200

■ 30.6251, 15.1904,
28.4234

■ 47.2743, 41.5243,
55.4436

■ 51.7809, 49.4471,
60.3075

■ 56.9320, 58.6145,
65.5226

■ 62.7533, 69.0778,
71.0989

■ 69.2693, 80.8852,
77.0461

■ 74.4250, 89.9264,
82.6807

Harmonies

Analogous

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



29.6071, 21.1178, 66.5666



35.1059, 21.1178, 39.2717



36.1318, 21.1178, 17.5057

Triad

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



35.1059, 21.1178, 39.2717



18.0509, 21.1178, 2.2211



11.4731, 21.1178, 56.0509

Complementary

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



35.1059, 21.1178, 39.2717



28.0901, 46.8947, 23.4926

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.



9.6551, 21.1178, 29.5233



35.1059, 21.1178, 39.2717



12.8412, 21.1178, 4.3662

Square

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



35.1059, 21.1178, 39.2717



25.1540, 21.1178, 2.6704



10.0912, 21.1178, 11.9798



15.7250, 21.1178, 79.4987

Rectangle

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



35.1059, 21.1178, 39.2717



33.9545, 21.1178, 9.0653



10.0912, 21.1178, 11.9798



10.6068, 21.1178, 46.7381

Sweetspot

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



35.1066, 21.1188, 39.2721



79.2968, 72.0090, 92.8113



20.5148, 13.1260, 59.8452



16.5366, 14.6488, 19.3859



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.



35.1066, 21.1188, 39.2721



53.1527, 28.7122, 56.3775



30.5461, 19.2946, 15.2568



11.5423, 11.3457, 13.3906



18.9020, 9.3714, 17.7342



1.0072, 0.4963, 1.0838

Inverse Universe

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



35.1066, 21.1188, 39.2721



53.1527, 28.7122, 56.3775



33.0718, 48.8874, 49.7259



11.5423, 11.3457, 13.3906



18.9020, 9.3714, 17.7342



1.0072, 0.4963, 1.0838

Previews

White Background



This preview shows how the XYZ color 35.1059, 21.1178, 39.2717 looks on a white background.

Color Contrast Check

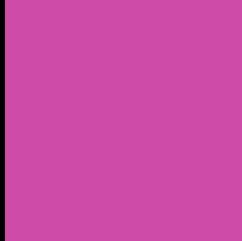
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1059, 21.1178, 39.2717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

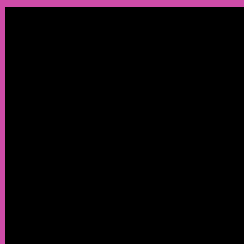
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1059, 21.1178, 39.2717

Background



This preview shows how black text looks on a background with the XYZ color 35.1059, 21.1178, 39.2717.



This preview shows how white text looks on a background with the XYZ color 35.1059, 21.1178,

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

35.1059, 21.1178, 39.2717

Protanopia

23.1935, 21.5564, 61.3309

Deuteranopia

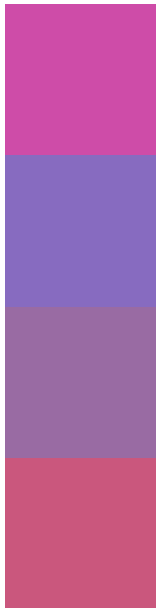
21.7048, 21.3429, 36.2333



Tritanopia

30.1224, 21.2049, 14.5619

Trichromacy



Original Color

35.1059, 21.1178, 39.2717

Protanomaly

24.7638, 19.4721, 52.3225

Deuteranomaly

25.0054, 19.9320, 37.1797

Tritanomaly

31.4670, 20.8536, 21.7687

Monochromacy



Original Color

35.1059, 21.1178, 39.2717

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.3918, 19.3085, 27.6933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1059, 21.1178, 39.2717 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(206, 76, 168)` looks like.

```
.text, #text, p{  
    color:rgb(206, 76, 168)  
}
```

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(206, 76, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 76, 168) }
```

Border

The CSS property to change the border of an element to XYZ 35.1059, 21.1178, 39.2717 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(206, 76, 168) }
```


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

```
.border{ border-color:rgb(206, 76, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 76, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 76, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 76, 168);  
box-shadow:4px 4px 4px 4px rgb(206, 76,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1059, 21.1178, 39.2717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 76, 168) }
```

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

```
.background{ background-color: rgb(206, 76,  
168) }
```

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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