

Converting Colors

XYZ(35.3150, 19.8663, 39.0191)

Have a look what the booklet for
XYZ(35.3150, 19.8663, 39.0191)
contains.

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Color

**XYZ(35.3150, 19.8663,
39.0191)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D23DA8 |
| RGB | 210, 61, 168 |
| RGB Percent | 82%, 24%, 66% |
| CMY | 0.1765, 0.7608, 0.3412 |
| CMYK | 0.00, 0.71, 0.20, 0.18 |
| HSL | 317°, 62%, 53% |
| HSV | 317°, 71%, 82% |
| XYZ | 35.3150, 19.8663, 39.0191 |
| YIQ | 117.7490, 54.4570, 64.8650 |

Conversions

Conversions Part 2

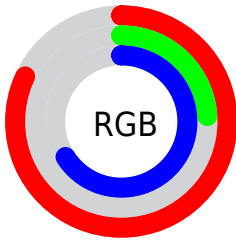
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 210, 61, 168 |
| Decimal | 13778344 |
| CIE _{Lab} | 51.69, 67.71, -25.36 |
| CIE _{LCh} | 52, 72.299, 339.466 |
| Yxy | 19.8663, 0.3749, 0.2109 |
| Android (android.graphics.Color) | 4291968424 (0xFFD23DA8) |
| YUV | 117.7490, 24.7737, 80.9041 |
| Hunter-Lab | 44.5716, 63.4288, -20.7038 |

Details

The XYZ color **35.3150, 19.8663, 39.0191** 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 **27.4204, 48.0653, 20.6666**, and the grayscale version is **17.0559, 17.9441, 19.5411**.

A 20% lighter version of the original color is **61.2758, 40.0207, 74.3072**, and **15.9149, 7.8403, 17.1975** is the 20% darker color. If you saturate the color by 10%, you get **33.8664, 17.8314, 35.8769**, and if you desaturate by 10%, it is **37.2287, 22.7905, 42.4405**.

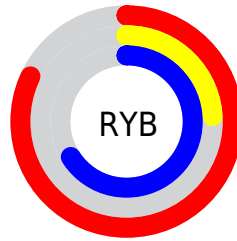
Distribution



Red (82%)

Green (24%)

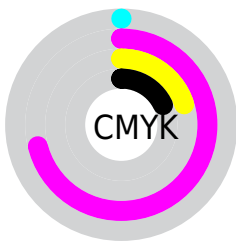
Blue (66%)



Red (82%)

Yellow (24%)

Blue (66%)

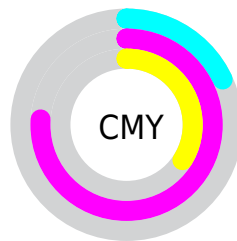


Cyan (0%)

Magenta (71%)

Yellow (20%)

Black (18%)



Cyan (18%)

Magenta (76%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3150, 19.8663, 39.0191 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 35.3150, 19.8663, 39.0191 by changing the saturation by 10% instead.

35.3150, 19.8663,
39.0191

35.3150, 19.8663,
39.0191

317.4403,
251.1904, 357.4001

24.0733, 12.2979,
26.4666

67.3043, 43.1929,
74.8882

15.5130, 6.9469,
16.9442

88.7825, 59.7199,
99.0418

9.2689, 3.4289,
10.0332

114.4037, 80.0019,
127.8997

4.9755, 1.3595,
5.3151

144.5331,
104.4233, 161.8802

2.2675, 0.1866,
2.3713

179.5361,
133.3684, 201.4020

0.7780, 0.0000,
0.7708

219.7781,

0.0000, 0.0000,

167.2217, 246.8835

0.0000

265.6243,
206.3676, 298.7434

■ 35.3150, 19.8663,
39.0191

■ 35.3150, 19.8663,
39.0191

■ 33.8664, 17.8314,
35.8769

■ 37.2287, 22.7905,
42.4405

■ 32.8259, 16.5735,
32.9929

■ 39.6516, 26.6927,
46.1570

■ 32.1484, 15.9297,
30.5744

■ 42.6247, 31.6542,
50.1840

■ 46.1842, 37.7468,
54.5350

■ 50.3633, 45.0362,
59.2227

■ 55.1923, 53.5828,
64.2585

■ 60.6997, 63.4431,
69.6536

■ 66.9123, 74.6702,
75.4182

■ 73.8553, 87.3140,
81.5622

Harmonies

Analogous

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



29.2843, 19.8663, 69.8788



35.3150, 19.8663, 39.0191



36.3894, 19.8663, 15.6698

Triad

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



35.3150, 19.8663, 39.0191



16.6664, 19.8663, 1.2724



9.9862, 19.8663, 58.5689

Complementary

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



35.3150, 19.8663, 39.0191



27.4204, 48.0653, 20.6666

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.



8.1445, 19.8663, 28.9397



35.3150, 19.8663, 39.0191



11.2912, 19.8663, 3.0718

Square

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



35.3150, 19.8663, 39.0191



24.2466, 19.8663, 1.6007



8.5511, 19.8663, 10.3717



14.3740, 19.8663, 85.3470

Rectangle

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



35.3150, 19.8663, 39.0191



33.9309, 19.8663, 7.2693



8.5511, 19.8663, 10.3717



9.1077, 19.8663, 48.0466

Sweetspot

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



35.3156, 19.8673, 39.0195



77.9457, 69.5290, 91.6760



18.6399, 10.7433, 62.0644



16.2765, 14.1683, 19.1772



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.



35.3156, 19.8673, 39.0195



51.6674, 26.5528, 53.3817



30.3486, 17.8805, 12.8634



12.1627, 11.9498, 14.1328



19.6548, 9.7348, 18.8863



1.1320, 0.5575, 1.2298

Inverse Universe

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



35.3156, 19.8673, 39.0195



51.6674, 26.5528, 53.3817



32.7328, 50.1903, 48.6415



12.1627, 11.9498, 14.1328



19.6548, 9.7348, 18.8863



1.1320, 0.5575, 1.2298

Previews

White Background



This preview shows how the XYZ color 35.3150, 19.8663, 39.0191 looks on a white background.

Color Contrast Check

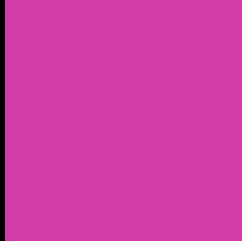
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3150, 19.8663, 39.0191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

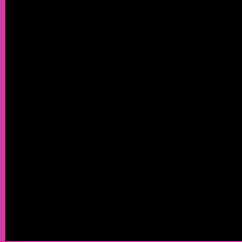
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3150, 19.8663, 39.0191

Background



This preview shows how black text looks on a background with the XYZ color 35.3150, 19.8663, 39.0191.



This preview shows how white text looks on a background with the XYZ color 35.3150, 19.8663,

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

35.3150, 19.8663, 39.0191

Protanopia

22.6254, 20.3819, 67.7074

Deuteranopia

20.5537, 20.2042, 35.6174



Tritanopia

29.6444, 19.7753, 11.9275

Trichromacy



Original Color

35.3150, 19.8663, 39.0191



Protanomaly

23.6727, 17.6364, 56.1893



Deuteranomaly

23.8413, 18.3023, 36.4585



Tritanomaly

31.3081, 19.5987, 19.2724

Monochromacy



Original Color

35.3150, 19.8663, 39.0191



Achromatopsia

17.2197, 18.1164, 19.7288



Achromatomaly

21.4811, 16.9063, 25.4236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3150, 19.8663, 39.0191 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(210, 61, 168)` looks like.

```
.text, #text, p{  
    color:rgb(210, 61, 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(210, 61, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 61, 168) }
```

Border

The CSS property to change the border of an element to XYZ 35.3150, 19.8663, 39.0191 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(210, 61, 168) }
```


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

```
.border{ border-color:rgb(210, 61, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 61, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 61, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 61, 168);  
box-shadow:4px 4px 4px 4px rgb(210, 61,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3150, 19.8663, 39.0191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 61, 168) }
```

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

```
.background{ background-color: rgb(210, 61,  
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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