

Converting Colors

XYZ(35.7392, 24.1264, 40.0068)

Have a look what the booklet for
XYZ(35.7392, 24.1264, 40.0068)
contains.

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Color

**XYZ(35.7927, 24.1191,
39.8148)**

Conversions

Conversions Part 1

Format	Color
Hex	CA62A8
RGB	202, 98, 168
RGB Percent	79%, 38%, 66%
CMY	0.2078, 0.6157, 0.3412
CMYK	0.00, 0.51, 0.17, 0.21
HSL	320°, 50%, 59%
HSV	320°, 51%, 79%
XYZ	35.7927, 24.1191, 39.8148
YIQ	137.0760, 39.5140, 43.8180

Conversions

Conversions Part 2

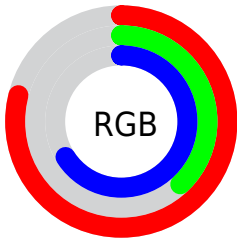
Format	Color
R _{YB}	202, 98, 168
Decimal	13263528
CIE _{Lab}	56.21, 49.83, -18.52
CIE _{LCh}	56, 53.163, 339.608
Yxy	24.1191, 0.3589, 0.2419
Android (android.graphics.Color)	4291453608 (0xFFCA62A8)
YUV	137.0760, 15.2455, 56.9383
Hunter-Lab	49.1112, 44.1479, -13.6890

Details

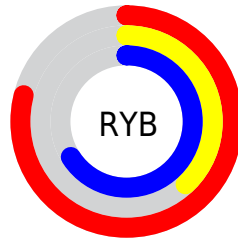
The XYZ color **35.7927, 24.1191, 39.8148** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **30.3235, 46.5044, 29.2099**, and the grayscale version is **23.7411, 24.9775, 27.2005**.

A 20% lighter version of the original color is **65.7875, 49.0442, 75.8111**, and **15.7301, 9.0821, 17.4469** is the 20% darker color. If you saturate the color by 10%, you get **33.5359, 20.5651, 36.1037**, and if you desaturate by 10%, it is **38.5591, 28.6417, 43.8504**.

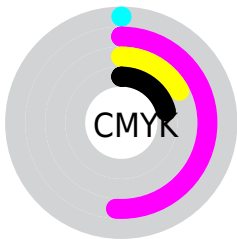
Distribution



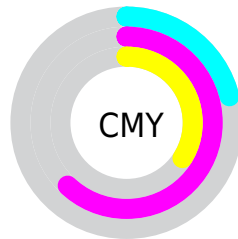
- Red (79%)
- Green (38%)
- Blue (66%)



- Red (79%)
- Yellow (38%)
- Blue (66%)



- Cyan (0%)
- Magenta (51%)
- Yellow (17%)
- Black (21%)



- Cyan (21%)
- Magenta (62%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7927, 24.1191, 39.8148 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 35.7927, 24.1191, 39.8148 by changing the saturation by 10% instead.

 35.7927, 24.1191,
39.8148

 35.7927, 24.1191,
39.8148


319.5006,
273.4221, 360.8712


 24.4435, 15.4220,
27.0815


 68.0379, 50.2245,
76.1154


 15.7895, 9.1161,
17.4015


 89.6647, 68.4016,
100.5198

 9.4652, 4.8170,
10.3562


 115.4480, 90.5074,
129.6516

 5.1054, 2.1403,
5.5271

 145.7533,
116.9264, 163.9294

 2.3446, 0.6871,
2.4956

180.9458,
148.0430, 203.7717

 0.8173, 0.0000,
0.8378

221.3910,

 0.0000, 0.0000,

184.2415, 249.5971

0.0000

267.4541,
225.9064, 301.8241

■ 35.7927, 24.1191,
39.8148

■ 35.7927, 24.1191,
39.8148

■ 33.5359, 20.5651,
36.1037

■ 38.5591, 28.6417,
43.8504

■ 31.7495, 17.9027,
32.7012

■ 41.8661, 34.1951,
48.2223

■ 30.3917, 16.0492,
29.5911

■ 45.7447, 40.8404,
52.9434

■ 29.4122, 14.9045,
26.7544

■ 50.2231, 48.6329,
58.0251

■ 28.7983, 14.3330,
24.5259

■ 55.3273, 57.6243,
63.4782

■ 61.0818, 67.8629,
69.3129

■ 67.5098, 79.3945,
75.5389

■ 73.1463, 89.2883,
81.6699

■ 74.0430, 89.6469,
86.3917

Harmonies

Analogous

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



31.2590, 24.1191, 61.6436



35.7927, 24.1191, 39.8148



36.5672, 24.1191, 21.0368

Triad

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



35.7927, 24.1191, 39.8148



21.0191, 24.1191, 5.0965



15.0129, 24.1191, 54.0799

Complementary

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



35.7927, 24.1191, 39.8148



30.3235, 46.5044, 29.2099

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.



13.1831, 24.1191, 32.2870



35.7927, 24.1191, 39.8148



16.2211, 24.1191, 7.9342

Square

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



35.7927, 24.1191, 39.8148



27.2661, 24.1191, 5.6649



13.5822, 24.1191, 16.1968



19.0701, 24.1191, 72.1034

Rectangle

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



35.7927, 24.1191, 39.8148



34.7297, 24.1191, 12.8997



13.5822, 24.1191, 16.1968



14.1528, 24.1191, 46.6375

Sweetspot

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



35.7935, 24.1203, 39.8153



82.0899, 77.1975, 94.9684



24.3793, 17.8210, 58.0324



17.2229, 15.9182, 19.9330



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.



35.7935, 24.1203, 39.8153



56.3221, 34.1176, 60.3113



31.9406, 22.5791, 19.5264



11.5255, 11.3389, 13.3018



18.5737, 9.2401, 16.0057



0.9922, 0.4903, 1.0047

Inverse Universe

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



35.7935, 24.1203, 39.8153



56.3221, 34.1176, 60.3113



34.6988, 48.2545, 52.2495



11.5255, 11.3389, 13.3018



18.5737, 9.2401, 16.0057



0.9922, 0.4903, 1.0047

Previews

White Background



This preview shows how the XYZ color 35.7927, 24.1191, 39.8148 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 35.7927, 24.1191, 39.8148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

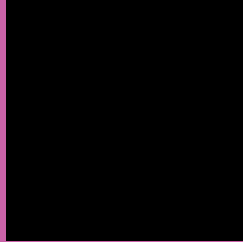
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7927, 24.1191, 39.8148

Background



This preview shows how black text looks on a background with the XYZ color 35.7927, 24.1191, 39.8148.



This preview shows how white text looks on a background with the XYZ color 35.7927, 24.1191,

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

35.7927, 24.1191, 39.8148

Protanopia

25.3276, 24.3831, 54.4104

Deuteranopia

24.7645, 24.2621, 37.5602



Tritanopia

31.7055, 24.0919, 19.8088

Trichromacy



Original Color

35.7927, 24.1191, 39.8148



Protanomaly

27.5060, 23.1388, 48.9154



Deuteranomaly

27.7154, 23.4842, 38.1941



Tritanomaly

33.0487, 24.0228, 26.1876

Monochromacy



Original Color

35.7927, 24.1191, 39.8148



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

27.1262, 23.8811, 31.1968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7927, 24.1191, 39.8148 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(202, 98, 168)` looks like.

```
.text, #text, p{  
    color:rgb(202, 98, 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(202, 98, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 98, 168) }
```

Border

The CSS property to change the border of an element to XYZ 35.7927, 24.1191, 39.8148 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(202, 98, 168) }
```


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

```
.border{ border-color:rgb(202, 98, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 98, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 98, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 98, 168);  
box-shadow:4px 4px 4px 4px rgb(202, 98,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7927, 24.1191, 39.8148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 98, 168) }
```

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

```
.background{ background-color: rgb(202, 98,  
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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