

Converting Colors

XYZ(35.6544, 23.2403, 38.9754)

Have a look what the booklet for
XYZ(35.6544, 23.2403, 38.9754)
contains.

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Color

**XYZ(35.7040, 23.2817,
39.1712)**

Conversions

Conversions Part 1

Format	Color
Hex	CC5CA7
RGB	204, 92, 167
RGB Percent	80%, 36%, 65%
CMY	0.2000, 0.6392, 0.3451
CMYK	0.00, 0.55, 0.18, 0.20
HSL	320°, 52%, 58%
HSV	320°, 55%, 80%
XYZ	35.7040, 23.2817, 39.1712
YIQ	134.0380, 42.6770, 47.0690

Conversions

Conversions Part 2

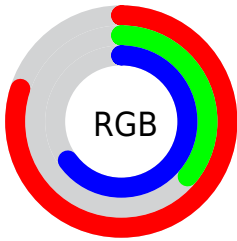
Format	Color
R_{YB}	204, 92, 167
Decimal	13393063
CIE _{Lab}	55.36, 53.18, -19.21
CIE _{LCh}	55, 56.540, 340.141
Yxy	23.2817, 0.3637, 0.2372
Android (android.graphics.Color)	4291583143 (0xFFCC5CA7)
YUV	134.0380, 16.2503, 61.3567
Hunter-Lab	48.2511, 47.6438, -14.3570

Details

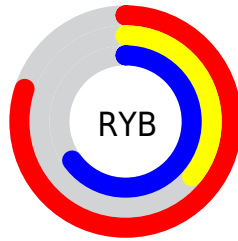
The XYZ color **35.7040, 23.2817, 39.1712** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **29.9701, 47.0467, 28.2723**, and the grayscale version is **22.6060, 23.7833, 25.9000**.

A 20% lighter version of the original color is **64.8585, 47.4014, 74.8382**, and **15.7580, 8.7026, 17.0689** is the 20% darker color. If you saturate the color by 10%, you get **33.5619, 19.9686, 35.4629**, and if you desaturate by 10%, it is **38.3557, 27.5615, 43.2100**.

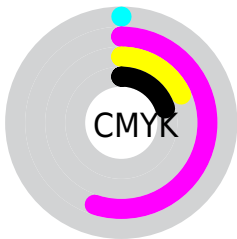
Distribution



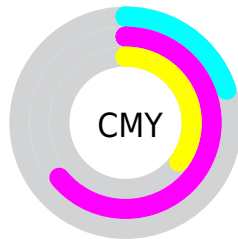
- Red (80%)
- Green (36%)
- Blue (65%)



- Red (80%)
- Yellow (36%)
- Blue (65%)



- Cyan (0%)
- Magenta (55%)
- Yellow (18%)
- Black (20%)





- Cyan (20%)
- Magenta (64%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7040, 23.2817, 39.1712 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 35.7040, 23.2817, 39.1712 by changing the saturation by 10% instead.

 35.7040, 23.2817,
39.1712


 35.7040, 23.2817,
39.1712

319.1188,
269.1686, 358.0655

 24.3747, 14.8017,
26.5841


 67.9018, 48.8555,
75.1230


 15.7381, 8.6803,
17.0314


 89.5011, 66.7180,
99.3248

 9.4287, 4.5332,
10.0947


 115.2544, 88.4768,
128.2352

 5.0812, 1.9761,
5.3554

 145.5270,
114.5162, 162.2727

 2.3302, 0.5935,
2.3949

180.6845,
145.2207, 201.8560

 0.8101, 0.0000,
0.7837

221.0920,

 0.0000, 0.0000,

180.9747, 247.4035

0.0000

267.1150,
222.1625, 299.3338

■ 35.7040, 23.2817,
39.1712

■ 35.7040, 23.2817,
39.1712

■ 33.5619, 19.9686,
35.4629

■ 38.3557, 27.5615,
43.2100

■ 31.8877, 17.5403,
32.0682

■ 41.5502, 32.8744,
47.5922

■ 30.6362, 15.9070,
28.9697

■ 45.3201, 39.2847,
52.3310

■ 29.7516, 14.9580,
26.1463

■ 49.6951, 46.8508,
57.4387

■ 29.3889, 14.6322,
24.7936

■ 54.7023, 55.6267,
62.9266

■ 60.3677, 65.6630,
68.8053

■ 66.7152, 77.0075,
75.0852

■ 73.7021, 89.5735,
81.7539

■ 74.6180, 89.9398,
86.5768

Harmonies

Analogous

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



30.9643, 23.2817, 62.5496



35.7040, 23.2817, 39.1712



36.4451, 23.2817, 19.6809

Triad

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



35.7040, 23.2817, 39.1712



20.0488, 23.2817, 4.1636



14.0496, 23.2817, 55.2129

Complementary

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



35.7040, 23.2817, 39.1712



29.9701, 47.0467, 28.2723

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.



12.1590, 23.2817, 32.0145



35.7040, 23.2817, 39.1712



15.1572, 23.2817, 6.9202

Square

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



35.7040, 23.2817, 39.1712



26.5380, 23.2817, 4.6403



12.5214, 23.2817, 15.2349



18.2367, 23.2817, 74.4718

Rectangle

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



35.7040, 23.2817, 39.1712



34.4476, 23.2817, 11.5394



12.5214, 23.2817, 15.2349



13.1644, 23.2817, 47.2586

Sweetspot

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



35.7047, 23.2828, 39.1717



81.2923, 75.8365, 93.9809



23.5495, 16.5633, 59.0828



17.0644, 15.6497, 19.7309



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.



35.7047, 23.2828, 39.1717



54.9791, 32.1700, 57.5872



31.6843, 21.6747, 18.0006



11.5238, 11.3383, 13.2930



18.5423, 9.2275, 15.8400



0.9907, 0.4897, 0.9971

Inverse Universe

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



35.7047, 23.2828, 39.1717



54.9791, 32.1700, 57.5872



34.6033, 48.9000, 52.6705



11.5238, 11.3383, 13.2930



18.5423, 9.2275, 15.8400



0.9907, 0.4897, 0.9971

Previews

White Background



This preview shows how the XYZ color 35.7040, 23.2817, 39.1712 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 35.7040, 23.2817, 39.1712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

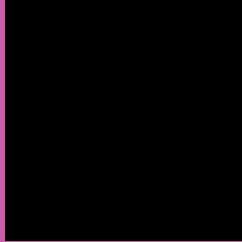
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7040, 23.2817, 39.1712

Background



This preview shows how black text looks on a background with the XYZ color 35.7040, 23.2817, 39.1712.



This preview shows how white text looks on a background with the XYZ color 35.7040, 23.2817,

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

35.7040, 23.2817, 39.1712

Protanopia

24.6357, 23.5976, 55.4809

Deuteranopia

23.9314, 23.4440, 36.9820



Tritanopia

31.5294, 23.4151, 18.1870

Trichromacy



Original Color

35.7040, 23.2817, 39.1712



Protanomaly

26.7953, 22.2451, 48.7804



Deuteranomaly

26.9568, 22.4042, 37.5540



Tritanomaly

32.8094, 23.1978, 24.5782

Monochromacy



Original Color

35.7040, 23.2817, 39.1712



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

26.0832, 22.6399, 30.1893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7040, 23.2817, 39.1712 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(204, 92, 167)` looks like.

```
.text, #text, p{  
    color:rgb(204, 92, 167)  
}
```

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(204, 92, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 92, 167) }
```

Border

The CSS property to change the border of an element to XYZ 35.7040, 23.2817, 39.1712 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(204, 92, 167) }
```


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

```
.border{ border-color:rgb(204, 92, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 92, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 92, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 92, 167);  
box-shadow:4px 4px 4px 4px rgb(204, 92,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7040, 23.2817, 39.1712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 92, 167) }
```

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

```
.background{ background-color: rgb(204, 92,  
167) }
```

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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