

Converting Colors

XYZ(36.9035, 23.7230, 27.3647)

Have a look what the booklet for
XYZ(36.9035, 23.7230, 27.3647)
contains.

XYZ(36.9213, 23.7899, 27.4569)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.9213, 23.7899,
27.4569)**

Conversions

Conversions Part 1

Format	Color
Hex	D9598C
RGB	217, 89, 140
RGB Percent	85%, 35%, 55%
CMY	0.1490, 0.6510, 0.4510
CMYK	0.00, 0.59, 0.35, 0.15
HSL	336°, 63%, 60%
HSV	336°, 59%, 85%
XYZ	36.9213, 23.7899, 27.4569
YIQ	133.0860, 59.9170, 42.9970

Conversions

Conversions Part 2

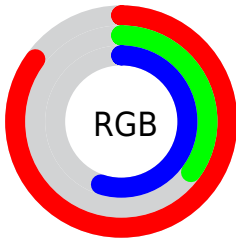
Format	Color
R_{YB}	217, 89, 140
Decimal	14244236
CIE _{Lab}	55.88, 55.01, -2.43
CIE _{LCh}	56, 55.063, 357.471
Yxy	23.7899, 0.4188, 0.2698
Android (android.graphics.Color)	4292434316 (0xFFD9598C)
YUV	133.0860, 3.4086, 73.5926
Hunter-Lab	48.7749, 49.7637, 0.7662

Details

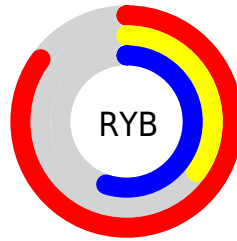
The XYZ color **36.9213, 23.7899, 27.4569** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **35.8169, 54.5034, 44.7120**, and the grayscale version is **22.2992, 23.4605, 25.5485**.

A 20% lighter version of the original color is **60.8389, 45.0568, 55.9423**, and **16.4103, 8.9358, 10.5327** is the 20% darker color. If you saturate the color by 10%, you get **34.4680, 20.3336, 22.1684**, and if you desaturate by 10%, it is **40.0222, 28.3585, 33.5252**.

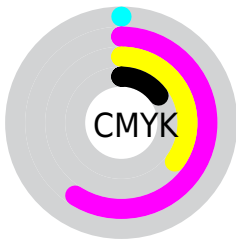
Distribution



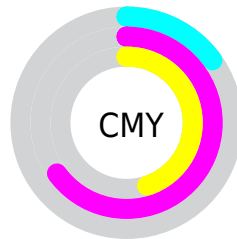
- Red (85%)
- Green (35%)
- Blue (55%)



- Red (85%)
- Yellow (35%)
- Blue (55%)



- Cyan (0%)
- Magenta (59%)
- Yellow (35%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9213, 23.7899, 27.4569 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 36.9213, 23.7899, 27.4569 by changing the saturation by 10% instead.

 36.9213, 23.7899,
27.4569


 36.9213, 23.7899,
27.4569


324.3311,
271.7566, 303.6925


 25.3200, 15.1778,
17.6812


 69.7663, 49.6871,
56.6288


 16.4456, 8.9443,
10.5543


 91.7408, 67.7411,
76.8621

 9.9329, 4.7049,
5.6576


 117.9036, 89.7111,
101.4183

 5.4164, 2.0752,
2.5726

 148.6201,
115.9817, 130.7160

 2.5308, 0.6506,
0.8783

184.2558,
146.9371, 165.1737

 0.9108, 0.0000,
0.0000

225.1760,

 0.0000, 0.0000,

182.9618, 205.2100

0.0000

271.7460,
224.4401, 251.2434

■ 36.9213, 23.7899,
27.4569

■ 36.9213, 23.7899,
27.4569

■ 34.4680, 20.3336,
22.1684

■ 40.0222, 28.3585,
33.5252

■ 32.6081, 17.8876,
17.6213

■ 43.8149, 34.1221,
40.4061

■ 31.2810, 16.3376,
13.7749

■ 48.3419, 41.1596,
48.1317

■ 30.3917, 15.5006,
10.5754

■ 53.6416, 49.5423,
56.7318

■ 30.3134, 15.4310,
10.2813

■ 59.7494, 59.3359,
66.2346

■ 66.6988, 70.6021,
76.6670

■ 74.5210, 83.3985,
88.0547

■ 80.7709, 92.8300,
99.5971

■ 82.4253, 93.4917,
108.3092

Harmonies

Analogous

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



34.3757, 23.7899, 49.2595



36.9213, 23.7899, 27.4569



35.0839, 23.7899, 13.0170

Triad

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



36.9213, 23.7899, 27.4569



17.4936, 23.7899, 5.7582



16.7284, 23.7899, 67.2821

Complementary

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



36.9213, 23.7899, 27.4569



35.8169, 54.5034, 44.7120

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.



13.5128, 23.7899, 45.3187



36.9213, 23.7899, 27.4569



13.8938, 23.7899, 11.4191

Square

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



36.9213, 23.7899, 27.4569



23.1478, 23.7899, 4.4548



12.5791, 23.7899, 24.4092



22.0837, 23.7899, 77.9754

Rectangle

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



36.9213, 23.7899, 27.4569



31.7795, 23.7899, 7.8804



12.5791, 23.7899, 24.4092



15.4018, 23.7899, 60.5893

Sweetspot

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



36.9220, 23.7911, 27.4573



77.9836, 72.4775, 82.8327



31.7820, 20.2414, 67.8777



16.1803, 14.6992, 16.9154



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.



36.9220, 23.7911, 27.4573



48.8801, 28.2288, 30.1000



35.1512, 24.9379, 12.4136



13.2699, 13.1370, 14.6824



18.3990, 9.3606, 6.4810



1.2338, 0.6231, 0.6399

Inverse Universe

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



36.9220, 23.7911, 27.4573



48.8801, 28.2288, 30.1000



38.2856, 50.4152, 73.3590



13.2699, 13.1370, 14.6824



18.3990, 9.3606, 6.4810



1.2338, 0.6231, 0.6399

Previews

White Background



This preview shows how the XYZ color 36.9213, 23.7899, 27.4569 looks on a white background.

Color Contrast Check

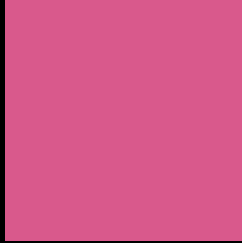
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.9213, 23.7899, 27.4569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

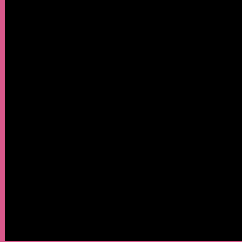
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.9213, 23.7899, 27.4569

Background



This preview shows how black text looks on a background with the XYZ color 36.9213, 23.7899, 27.4569.



This preview shows how white text looks on a background with the XYZ color 36.9213, 23.7899,

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

36.9213, 23.7899, 27.4569

Protanopia

24.0596, 24.0378, 40.4175

Deuteranopia

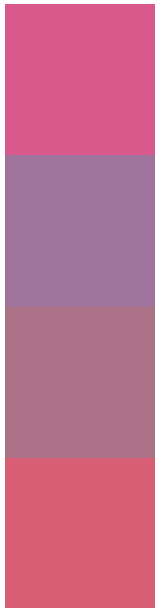
24.3183, 23.8895, 25.8837



Tritanopia

34.4544, 23.8248, 15.6147

Trichromacy



Original Color

36.9213, 23.7899, 27.4569

Protanomaly

26.8309, 22.5621, 35.2885

Deuteranomaly

27.5879, 22.8097, 26.2412

Tritanomaly

35.1794, 23.7134, 19.2460

Monochromacy



Original Color

36.9213, 23.7899, 27.4569

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

26.1151, 22.3927, 26.2384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9213, 23.7899, 27.4569 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(217, 89, 140)` looks like.

```
.text, #text, p{  
    color:rgb(217, 89, 140)  
}
```

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(217, 89, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 89, 140) }
```

Border

The CSS property to change the border of an element to XYZ 36.9213, 23.7899, 27.4569 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(217, 89, 140) }
```


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

```
.border{ border-color:rgb(217, 89, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 89, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 89, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 89, 140);  
box-shadow:4px 4px 4px 4px rgb(217, 89,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9213, 23.7899, 27.4569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 89, 140) }
```

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

```
.background{ background-color: rgb(217, 89,  
140) }
```

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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