

Converting Colors

XYZ(38.8310, 24.8200, 37.0541)

Have a look what the booklet for
XYZ(38.8310, 24.8200, 37.0541)
contains.

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Color

**XYZ(38.8779, 24.8425,
36.9284)**

Conversions

Conversions Part 1

Format	Color
Hex	D95BA2
RGB	217, 91, 162
RGB Percent	85%, 36%, 64%
CMY	0.1490, 0.6431, 0.3647
CMYK	0.00, 0.58, 0.25, 0.15
HSL	326°, 62%, 60%
HSV	326°, 58%, 85%
XYZ	38.8779, 24.8425, 36.9284
YIQ	136.7680, 52.3050, 48.7930

Conversions

Conversions Part 2

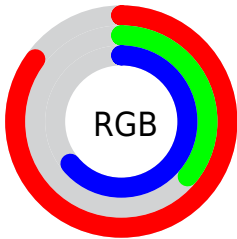
Format	Color
RYB	217, 91, 162
Decimal	14244770
CIELab	56.92, 56.84, -13.75
CIELCh	57, 58.479, 346.403
Yxy	24.8425, 0.3863, 0.2468
Android (android.graphics.Color)	4292434850 (0xFFD95BA2)
YUV	136.7680, 12.4394, 70.3635
Hunter-Lab	49.8423, 52.0094, -9.0387

Details

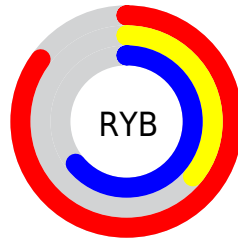
The XYZ color **38.8779, 24.8425, 36.9284** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **34.3168, 53.9258, 35.7968**, and the grayscale version is **23.6320, 24.8627, 27.0755**.

A 20% lighter version of the original color is **64.0433, 46.8275, 71.3088**, and **17.6291, 9.5297, 15.6621** is the 20% darker color. If you saturate the color by 10%, you get **36.4732, 21.3302, 32.1277**, and if you desaturate by 10%, it is **41.8837, 29.4551, 42.2429**.

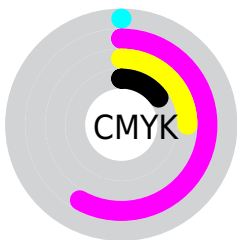
Distribution



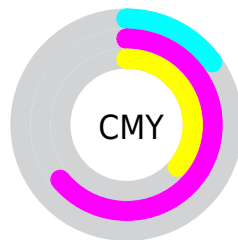
- Red (85%)
- Green (36%)
- Blue (64%)



- Red (85%)
- Yellow (36%)
- Blue (64%)



- Cyan (0%)
- Magenta (58%)
- Yellow (25%)
- Black (15%)




- Cyan (15%)
- Magenta (64%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8779, 24.8425, 36.9284 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 38.8779, 24.8425, 36.9284 by changing the saturation by 10% instead.

 38.8779, 24.8425,
36.9284


 38.8779, 24.8425,
36.9284


332.5872,
277.0527, 348.1598


 26.8451, 15.9598,
24.8567


 72.7470, 51.4016,
71.6477


 17.5929, 9.4957,
15.7523

 95.3140, 69.8467,
95.1325

 10.7560, 5.0659,
9.1966


 122.1231, 92.2481,
123.2586

 5.9691, 2.2860,
4.7711

 153.5396,
118.9902, 156.4448

 2.8668, 0.7663,
2.0572

189.9289,
150.4572, 195.1094

 1.0837, 0.0000,
0.5901

231.6564,

 0.0114, 0.0000,

187.0338, 239.6711

0.0000

279.0874,
229.1041, 290.5484

■ 0.0000, 0.0000,
0.0000

■ 38.8779, 24.8425,
36.9284

■ 38.8779, 24.8425,
36.9284

■ 36.4732, 21.3302,
32.1277

■ 41.8837, 29.4551,
42.2429

■ 34.6184, 18.8185,
27.8163

■ 45.5317, 35.2486,
48.0908

■ 33.2567, 17.1960,
23.9682

■ 49.8618, 42.3006,
54.4922

■ 32.3060, 16.3011,
20.5489

■ 54.9100, 50.6808,
61.4653

■ 32.1452, 16.1637,
19.9270

■ 60.7094, 60.4538,
69.0271

■ 67.2912, 71.6799,
77.1941

■ 74.6847, 84.4159,
85.9817

■ 79.7759, 92.4320,
94.3576

■ 81.2032, 93.0029,
101.8733

Harmonies

Analogous

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



34.5002, 24.8425, 62.3178



38.8779, 24.8425, 36.9284



38.6455, 24.8425, 17.7295

Triad

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



38.8779, 24.8425, 36.9284



20.0825, 24.8425, 4.5943



15.6400, 24.8425, 64.6250

Complementary

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



38.8779, 24.8425, 36.9284



34.3168, 53.9258, 35.7968

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.



13.0915, 24.8425, 39.1689



38.8779, 24.8425, 36.9284



15.2959, 24.8425, 8.4772

Square

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



38.8779, 24.8425, 36.9284



26.8479, 24.8425, 4.4492



12.9791, 24.8425, 19.1107



20.6472, 24.8425, 82.8203

Rectangle

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



38.8779, 24.8425, 36.9284



35.8872, 24.8425, 10.2639



12.9791, 24.8425, 19.1107



14.5138, 24.8425, 56.2006

Sweetspot

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



38.8786, 24.8437, 36.9289



79.8475, 74.2327, 89.5351



28.0499, 18.5679, 67.7514



16.7523, 15.3228, 18.7103



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.



38.8786, 24.8437, 36.9289



51.8028, 29.6756, 44.6343



34.6286, 23.1437, 14.5486



13.3618, 13.1738, 15.1664



19.5129, 9.8062, 12.3470



1.3071, 0.6525, 1.0263

Inverse Universe

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



38.8786, 24.8437, 36.9289



51.8028, 29.6756, 44.6343



40.5872, 56.4340, 68.8164



13.3618, 13.1738, 15.1664



19.5129, 9.8062, 12.3470



1.3071, 0.6525, 1.0263

Previews

White Background



This preview shows how the XYZ color 38.8779, 24.8425, 36.9284 looks on a white background.

Color Contrast Check

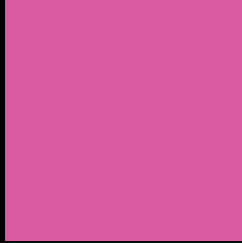
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.8779, 24.8425, 36.9284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

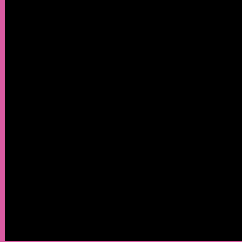
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.8779, 24.8425, 36.9284

Background



This preview shows how black text looks on a background with the XYZ color 38.8779, 24.8425, 36.9284.



This preview shows how white text looks on a background with the XYZ color 38.8779, 24.8425,

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

38.8779, 24.8425, 36.9284

Protanopia

25.8974, 25.1001, 53.9319

Deuteranopia

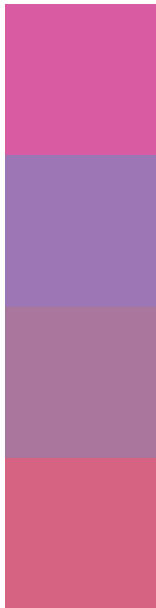
25.5968, 25.1675, 34.5191



Tritanopia

34.8161, 24.8233, 17.7082

Trichromacy



Original Color

38.8779, 24.8425, 36.9284

Protanomaly

28.5579, 23.5396, 47.2944

Deuteranomaly

29.0122, 23.8605, 35.4242

Tritanomaly

36.1558, 24.8048, 23.6511

Monochromacy



Original Color

38.8779, 24.8425, 36.9284

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

27.6307, 23.6153, 30.2960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8779, 24.8425, 36.9284 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, 91, 162)` looks like.

```
.text, #text, p{  
    color:rgb(217, 91, 162)  
}
```

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, 91, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 91, 162) }
```

Border

The CSS property to change the border of an element to XYZ 38.8779, 24.8425, 36.9284 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, 91, 162) }
```


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

```
.border{ border-color:rgb(217, 91, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 91, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 91, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 91, 162);  
box-shadow:4px 4px 4px 4px rgb(217, 91,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8779, 24.8425, 36.9284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 91, 162) }
```

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

```
.background{ background-color: rgb(217, 91,  
162) }
```

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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