

Converting Colors

XYZ(39.3211, 24.7315, 36.1195)

Have a look what the booklet for
XYZ(39.3211, 24.7315, 36.1195)
contains.

XYZ(39.3501, 24.7332, 35.9577)	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(39.3501, 24.7332,
35.9577)**

Conversions

Conversions Part 1

Format	Color
Hex	DC58A0
RGB	220, 88, 160
RGB Percent	86%, 35%, 63%
CMY	0.1373, 0.6549, 0.3725
CMYK	0.00, 0.60, 0.27, 0.14
HSL	327°, 65%, 60%
HSV	327°, 60%, 86%
XYZ	39.3501, 24.7332, 35.9577
YIQ	135.6760, 55.5600, 50.3760

Conversions

Conversions Part 2

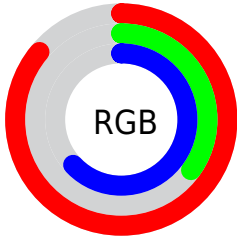
Format	Color
R _Y B	220, 88, 160
Decimal	14440608
CIE Lab	56.81, 58.80, -12.70
CIE LCh	57, 60.154, 347.812
Yxy	24.7332, 0.3933, 0.2472
Android (android.graphics.Color)	4292630688 (0xFFDC58A0)
YUV	135.6760, 11.9917, 73.9521
Hunter-Lab	49.7325, 54.2037, -8.0553

Details

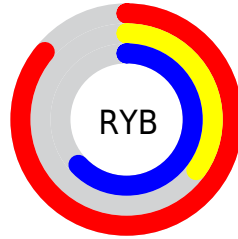
The XYZ color **39.3501, 24.7332, 35.9577** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **34.9644, 55.4000, 36.8705**, and the grayscale version is **23.2239, 24.4333, 26.6079**.

A 20% lighter version of the original color is **63.4790, 46.1128, 69.8449**, and **17.7741, 9.3986, 15.0647** is the 20% darker color. If you saturate the color by 10%, you get **36.9690, 21.3150, 31.0199**, and if you desaturate by 10%, it is **42.3478, 29.2715, 41.4487**.

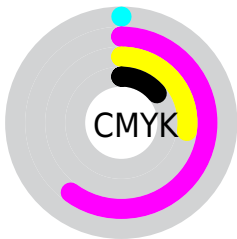
Distribution



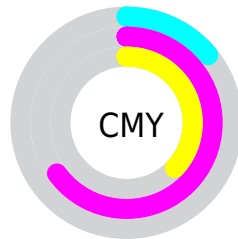
- Red (86%)
- Green (35%)
- Blue (63%)



- Red (86%)
- Yellow (35%)
- Blue (63%)



- Cyan (0%)
- Magenta (60%)
- Yellow (27%)
- Black (14%)





- Cyan (14%)
- Magenta (65%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3501, 24.7332, 35.9577 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 39.3501, 24.7332, 35.9577 by changing the saturation by 10% instead.


 39.3501, 24.7332,
35.9577


 39.3501, 24.7332,
35.9577


334.5583,
276.5066, 343.8074


 27.2141, 15.8784,
24.1121


 73.4635, 51.2241,
70.1351


 17.8715, 9.4381,
15.2038


 96.1717, 69.6289,
93.3039

 10.9569, 5.0281,
8.8143


 123.1346, 91.9859,
121.0843

 6.1050, 2.2637,
4.5251

 154.7176,
118.6794, 153.8947

 2.9503, 0.7544,
1.9176

191.2862,
150.0938, 192.1537

 1.1275, 0.0000,
0.5039

233.2056,

 0.0480, 0.0000,

186.6136, 236.2797

0.0000

280.8411,
228.6231, 286.6915

■ 0.0000, 0.0000,
0.0000

■ 39.3501, 24.7332,
35.9577

■ 39.3501, 24.7332,
35.9577

■ 36.9690, 21.3150,
31.0199

■ 42.3478, 29.2715,
41.4487

■ 35.1498, 18.9110,
26.6083

■ 46.0060, 35.0156,
47.5148

■ 33.8315, 17.4015,
22.6944

■ 50.3666, 42.0472,
54.1777

■ 32.9054, 16.5719,
19.2332

■ 55.4678, 50.4396,
61.4575

■ 32.9051, 16.5716,
19.2321

■ 61.3444, 60.2607,
69.3731

■ 68.0293, 71.5736,
77.9423

■ 75.5532, 84.4380,
87.1821

■ 81.0042, 93.0272,
96.1284

■ 82.5314, 93.6381,
104.1709

Harmonies

Analogous

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



35.0130, 24.7332, 62.1902



39.3501, 24.7332, 35.9577



38.8682, 24.7332, 16.7396

Triad

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



39.3501, 24.7332, 35.9577



19.6111, 24.7332, 4.3310



15.5490, 24.7332, 67.0014

Complementary

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



39.3501, 24.7332, 35.9577



34.9644, 55.4000, 36.8705

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.



12.8447, 24.7332, 40.5921



39.3501, 24.7332, 35.9577



14.8479, 24.7332, 8.4012

Square

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



39.3501, 24.7332, 35.9577



26.4789, 24.7332, 4.0468



12.6166, 24.7332, 19.5563



20.7684, 24.7332, 85.2575

Rectangle

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



39.3501, 24.7332, 35.9577



35.8854, 24.7332, 9.4865



12.6166, 24.7332, 19.5563



14.3648, 24.7332, 58.3173

Sweetspot

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



39.3508, 24.7345, 35.9582



78.9357, 72.8583, 87.8466



28.5139, 18.3885, 69.7568



16.4118, 14.7917, 18.1342



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.



39.3508, 24.7345, 35.9582



50.9212, 28.7785, 41.6701



35.0534, 23.0155, 13.3280



13.3516, 13.1698, 15.1130



19.3686, 9.7485, 11.5869



1.2981, 0.6489, 0.9785

Inverse Universe

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



39.3508, 24.7345, 35.9582



50.9212, 28.7785, 41.6701



41.6797, 58.0861, 72.2327



13.3516, 13.1698, 15.1130



19.3686, 9.7485, 11.5869



1.2981, 0.6489, 0.9785

Previews

White Background



This preview shows how the XYZ color 39.3501, 24.7332, 35.9577 looks on a white background.

Color Contrast Check

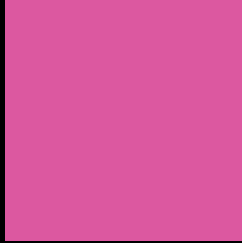
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.3501, 24.7332, 35.9577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

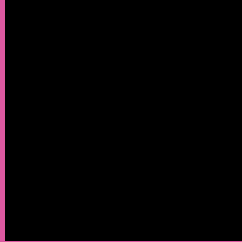
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.3501, 24.7332, 35.9577

Background



This preview shows how black text looks on a background with the XYZ color 39.3501, 24.7332, 35.9577.



This preview shows how white text looks on a background with the XYZ color 39.3501, 24.7332,

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

39.3501, 24.7332, 35.9577

Protanopia

25.8974, 25.1001, 53.9319

Deuteranopia

25.2926, 24.8257, 33.5958



Tritanopia

35.2353, 24.6230, 16.8055

Trichromacy



Original Color

39.3501, 24.7332, 35.9577



Protanomaly

28.5292, 23.3610, 46.7215



Deuteranomaly

28.9396, 23.6689, 34.4958



Tritanomaly

36.5640, 24.6238, 22.5644

Monochromacy



Original Color

39.3501, 24.7332, 35.9577



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

27.6440, 23.4535, 29.8580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3501, 24.7332, 35.9577 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(220, 88, 160)` looks like.

```
.text, #text, p{  
    color:rgb(220, 88, 160)  
}
```

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(220, 88, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 88, 160) }
```

Border

The CSS property to change the border of an element to XYZ 39.3501, 24.7332, 35.9577 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(220, 88, 160) }
```


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

```
.border{ border-color:rgb(220, 88, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 88, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 88, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 88, 160);  
box-shadow:4px 4px 4px 4px rgb(220, 88,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3501, 24.7332, 35.9577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 88, 160) }
```

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

```
.background{ background-color: rgb(220, 88,  
160) }
```

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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