

Converting Colors

XYZ(39.7335, 23.2457, 35.7169)

Have a look what the booklet for
XYZ(39.7335, 23.2457, 35.7169)
contains.

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Color

**XYZ(39.7790, 23.3107,
35.6605)**

Conversions

Conversions Part 1

Format	Color
Hex	E149A0
RGB	225, 73, 160
RGB Percent	88%, 29%, 63%
CMY	0.1176, 0.7137, 0.3725
CMYK	0.00, 0.68, 0.29, 0.12
HSL	326°, 72%, 58%
HSV	326°, 68%, 88%
XYZ	39.7790, 23.3107, 35.6605
YIQ	128.3660, 62.6650, 59.2810

Conversions

Conversions Part 2

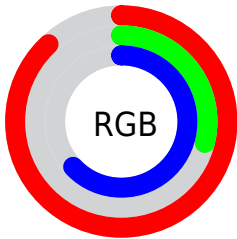
Format	Color
R _{YB}	225, 73, 160
Decimal	14764448
CIE _{Lab}	55.39, 66.28, -14.77
CIE _{LCh}	55, 67.910, 347.436
Yxy	23.3107, 0.4028, 0.2361
Android (android.graphics.Color)	4292954528 (0xFFE149A0)
YUV	128.3660, 15.5956, 84.7480
Hunter-Lab	48.2812, 62.5747, -9.9948

Details

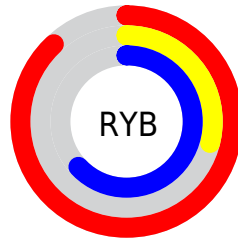
The XYZ color **39.7790, 23.3107, 35.6605** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **34.2617, 57.1025, 33.2642**, and the grayscale version is **20.5784, 21.6501, 23.5769**.

A 20% lighter version of the original color is **61.6220, 42.3989, 69.2259**, and **18.2238, 9.0820, 14.9799** is the 20% darker color. If you saturate the color by 10%, you get **37.7494, 20.5468, 30.9904**, and if you desaturate by 10%, it is **42.4096, 27.1720, 40.8528**.

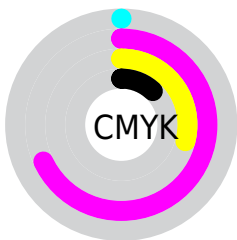
Distribution



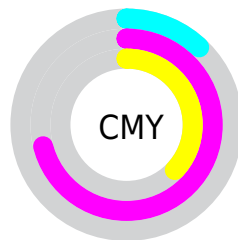
- Red (88%)
- Green (29%)
- Blue (63%)



- Red (88%)
- Yellow (29%)
- Blue (63%)



- Cyan (0%)
- Magenta (68%)
- Yellow (29%)
- Black (12%)





- Cyan (12%)
- Magenta (71%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7790, 23.3107, 35.6605 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 39.7790, 23.3107, 35.6605 by changing the saturation by 10% instead.


 39.7790, 23.3107,
35.6605


 39.7790, 23.3107,
35.6605


336.3416,
269.3168, 342.4666


 27.5497, 14.8231,
23.8845


 74.1133, 48.9030,
69.6709


 18.1252, 8.6953,
15.0366


 96.9491, 66.7765,
92.7423


 11.1402, 4.5430,
8.6981


 124.0511, 88.5474,
120.4160

 6.2292, 1.9817,
4.4507

 155.7847,
114.6001, 153.1104

 3.0269, 0.5968,
1.8757

 192.5151,
145.3190, 191.2442

 1.1680, 0.0000,
0.4772

234.6079,

 0.0809, 0.0000,

181.0885, 235.2357

0.0000

282.4283,
222.2929, 285.5037

■ 0.0000, 0.0000,
0.0000

■ 39.7790, 23.3107,
35.6605

■ 39.7790, 23.3107,
35.6605

■ 37.7494, 20.5468,
30.9904

■ 42.4096, 27.1720,
40.8528

■ 36.2564, 18.7543,
26.8132

■ 45.6923, 32.2312,
46.5908


■ 35.2170, 17.7695,
23.0940


■ 49.6749, 38.5812,
52.8973


■ 34.9991, 17.5866,
22.2414


■ 54.3998, 46.3050,
59.7931

■ 59.9059, 55.4784,
67.2975

 66.2295, 66.1718,
75.4289

 73.4044, 78.4507,
84.2046

 81.4624, 92.3770,
93.6411

 83.5383, 94.2183,
101.4558

Harmonies

Analogous

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



34.8111, 23.3107, 65.7214



39.7790, 23.3107, 35.6605



39.3042, 23.3107, 14.7598

Triad

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



39.7790, 23.3107, 35.6605



18.0450, 23.3107, 2.6967



13.6414, 23.3107, 70.5988

Complementary

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



39.7790, 23.3107, 35.6605



34.2617, 57.1025, 33.2642

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.



10.9012, 23.3107, 40.1649



39.7790, 23.3107, 35.6605



13.0132, 23.3107, 6.2506

Square

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



39.7790, 23.3107, 35.6605



25.5026, 23.3107, 2.4947



10.7013, 23.3107, 17.2958



19.1160, 23.3107, 92.4299

Rectangle

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



39.7790, 23.3107, 35.6605



35.9638, 23.3107, 7.4515



10.7013, 23.3107, 17.2958



12.4305, 23.3107, 60.4401

Sweetspot

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



39.7797, 23.3119, 35.6609



77.5680, 70.3398, 86.7215



26.1822, 15.4652, 72.8394



16.1534, 14.3058, 17.9533



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.



39.7797, 23.3119, 35.6609



49.2598, 26.1887, 38.8571



35.1011, 21.4405, 11.0240



14.0343, 13.8314, 15.9510



20.2277, 10.1581, 13.1306



1.4466, 0.7219, 1.1449

Inverse Universe

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



39.7797, 23.3119, 35.6609



49.2598, 26.1887, 38.8571



41.5995, 60.0376, 71.9045



14.0343, 13.8314, 15.9510



20.2277, 10.1581, 13.1306



1.4466, 0.7219, 1.1449

Previews

White Background



This preview shows how the XYZ color 39.7790, 23.3107, 35.6605 looks on a white background.

Color Contrast Check

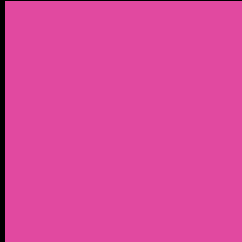
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.7790, 23.3107, 35.6605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

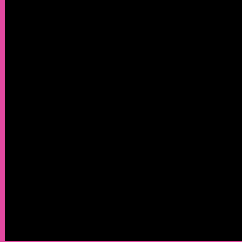
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.7790, 23.3107, 35.6605

Background



This preview shows how black text looks on a background with the XYZ color 39.7790, 23.3107, 35.6605.



This preview shows how white text looks on a background with the XYZ color 39.7790, 23.3107,

35.6605.

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

39.7790, 23.3107, 35.6605

Protanopia

24.9613, 23.6850, 59.1332

Deuteranopia

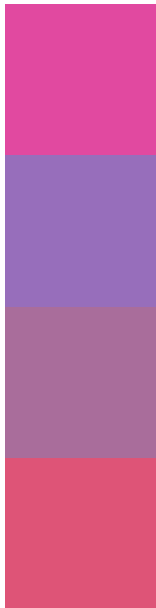
23.9667, 23.5506, 32.9883



Tritanopia

35.2369, 23.3542, 13.4771

Trichromacy



Original Color

39.7790, 23.3107, 35.6605

Protanomaly

27.3081, 21.3190, 49.6894

Deuteranomaly

27.7472, 21.7389, 33.7439

Tritanomaly

36.6243, 23.2022, 20.0009

Monochromacy



Original Color

39.7790, 23.3107, 35.6605

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

25.2004, 20.4051, 27.4213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7790, 23.3107, 35.6605 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(225, 73, 160)` looks like.

```
.text, #text, p{  
    color:rgb(225, 73, 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(225, 73, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 73, 160) }
```

Border

The CSS property to change the border of an element to XYZ 39.7790, 23.3107, 35.6605 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(225, 73, 160) }
```


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

```
.border{ border-color:rgb(225, 73, 160) }
```

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

Here you see how a box with a 4 pixel rgb(225, 73, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 73, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 73, 160);  
box-shadow:4px 4px 4px 4px rgb(225, 73,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7790, 23.3107, 35.6605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 73, 160) }
```

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

```
.background{ background-color: rgb(225, 73,  
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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