

Converting Colors

XYZ(39.6486, 25.3058, 32.6092)

Have a look what the booklet for
XYZ(39.6486, 25.3058, 32.6092)
contains.

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Color

**XYZ(39.5328, 25.2788,
32.5014)**

Conversions

Conversions Part 1

Format	Color
Hex	DE5B98
RGB	222, 91, 152
RGB Percent	87%, 36%, 60%
CMY	0.1294, 0.6431, 0.4039
CMYK	0.00, 0.59, 0.32, 0.13
HSL	332°, 66%, 61%
HSV	332°, 59%, 87%
XYZ	39.5328, 25.2788, 32.5014
YIQ	137.1230, 58.4950, 46.7430

Conversions

Conversions Part 2

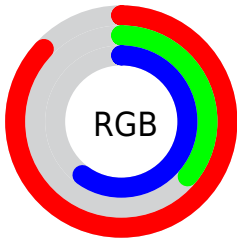
Format	Color
R _Y B	222, 91, 152
Decimal	14572440
CIE Lab	57.35, 57.08, -7.20
CIE LCh	57, 57.536, 352.807
Yxy	25.2788, 0.4062, 0.2598
Android (android.graphics.Color)	4292762520 (0xFFDE5B98)
YUV	137.1230, 7.3344, 74.4371
Hunter-Lab	50.2780, 52.3651, -3.1324

Details

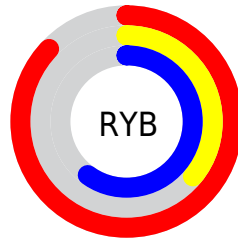
The XYZ color **39.5328, 25.2788, 32.5014** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **36.8701, 57.0407, 42.7883**, and the grayscale version is **23.7830, 25.0216, 27.2485**.

A 20% lighter version of the original color is **62.8143, 46.5837, 64.0734**, and **17.9432, 9.7061, 13.2397** is the 20% darker color. If you saturate the color by 10%, you get **36.9843, 21.6597, 27.0955**, and if you desaturate by 10%, it is **42.7411, 30.0617, 38.6072**.

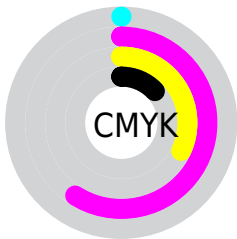
Distribution



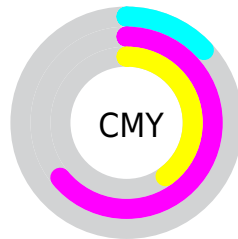
- Red (87%)
- Green (36%)
- Blue (60%)



- Red (87%)
- Yellow (36%)
- Blue (60%)



- Cyan (0%)
- Magenta (59%)
- Yellow (32%)
- Black (13%)





- Cyan (13%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5328, 25.2788, 32.5014 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 39.5328, 25.2788, 32.5014 by changing the saturation by 10% instead.


 39.5328, 25.2788,
32.5014


 39.5328, 25.2788,
32.5014


335.3187,
279.2236, 327.9598

 27.3570, 16.2849,
21.4768


 73.7404, 52.1092,
64.7033


 17.9795, 9.7260,
13.2783


 96.5030, 70.7144,
86.7177

 11.0349, 5.2177,
7.4875

 123.5253, 93.2922,
113.2324

 6.1578, 2.3755,
3.6858

 155.1725,
120.2270, 144.6660

 2.9828, 0.8133,
1.4546

191.8101,
151.9031, 181.4370

 1.1447, 0.0000,
0.1838

233.8035,

 0.0620, 0.0000,

188.7050, 223.9639

0.0000

281.5179,
231.0170, 272.6654

■ 0.0000, 0.0000,
0.0000

■ 39.5328, 25.2788,
32.5014

■ 39.5328, 25.2788,
32.5014

■ 36.9843, 21.6597,
27.0955

■ 42.7411, 30.0617,
38.6072

■ 35.0395, 19.0972,
22.3561

■ 46.6547, 36.0953,
45.4409

■ 33.6357, 17.4704,
18.2479

■ 51.3173, 43.4629,
53.0301

■ 32.6748, 16.5882,
14.7227

■ 56.7682, 52.2391,
61.4004

■ 32.5910, 16.5163,
14.3992

■ 63.0442, 62.4933,
70.5759

■ 70.1793, 74.2900,
80.5798

■ 78.2058, 87.6901,
91.4339

■ 82.6583, 93.7592,
101.6607

■ 83.9343, 94.2696,
108.3798

Harmonies

Analogous

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



36.0647, 25.2788, 57.0534



39.5328, 25.2788, 32.5014



38.2611, 25.2788, 15.3789

Triad

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



39.5328, 25.2788, 32.5014



19.2921, 25.2788, 5.3869



16.9373, 25.2788, 69.6091

Complementary

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



39.5328, 25.2788, 32.5014



36.8701, 57.0407, 42.7883

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.



13.8496, 25.2788, 44.8064



39.5328, 25.2788, 32.5014



15.0187, 25.2788, 10.4874

Square

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



39.5328, 25.2788, 32.5014



25.7070, 25.2788, 4.5446



13.2205, 25.2788, 23.0832



22.4214, 25.2788, 84.1540

Rectangle

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



39.5328, 25.2788, 32.5014



34.9928, 25.2788, 9.0746



13.2205, 25.2788, 23.0832



15.6306, 25.2788, 61.7598

Sweetspot

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



39.5335, 25.2801, 32.5019



78.4143, 72.6497, 85.1008



31.5984, 20.3210, 71.3643



16.2848, 14.7410, 17.4657



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.



39.5335, 25.2801, 32.5019



49.8786, 28.6281, 35.3579



36.1389, 24.5370, 12.7306



13.9715, 13.8062, 15.6199



19.4134, 9.8323, 8.8425



1.3905, 0.6995, 0.8494

Inverse Universe

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



39.5335, 25.2801, 32.5019



49.8786, 28.6281, 35.3579



42.4765, 57.4515, 77.9579



13.9715, 13.8062, 15.6199



19.4134, 9.8323, 8.8425



1.3905, 0.6995, 0.8494

Previews

White Background



This preview shows how the XYZ color 39.5328, 25.2788, 32.5014 looks on a white background.

Color Contrast Check

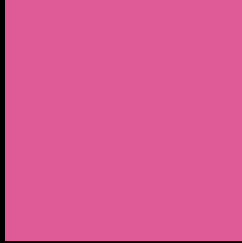
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5328, 25.2788, 32.5014 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 39.5328, 25.2788, 32.5014

Background



This preview shows how black text looks on a background with the XYZ color 39.5328, 25.2788, 32.5014.



This preview shows how white text looks on a background with the XYZ color 39.5328, 25.2788,

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

39.5328, 25.2788, 32.5014

Protanopia

25.9933, 25.7043, 47.8474

Deuteranopia

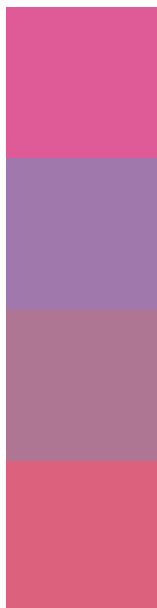
25.8487, 25.3904, 30.3265



Tritanopia

36.2739, 25.2955, 17.1580

Trichromacy



Original Color

39.5328, 25.2788, 32.5014

Protanomaly

28.7651, 23.9503, 41.6349

Deuteranomaly

29.5029, 24.2089, 31.1348

Tritanomaly

37.1262, 25.0647, 21.9500

Monochromacy



Original Color

39.5328, 25.2788, 32.5014

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

27.7474, 23.7108, 28.7054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5328, 25.2788, 32.5014 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(222, 91, 152)` looks like.

```
.text, #text, p{  
    color:rgb(222, 91, 152)  
}
```

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(222, 91, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 91, 152) }
```

Border

The CSS property to change the border of an element to XYZ 39.5328, 25.2788, 32.5014 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(222, 91, 152) }
```


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

```
.border{ border-color:rgb(222, 91, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 91, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 91, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 91, 152);  
box-shadow:4px 4px 4px 4px rgb(222, 91,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5328, 25.2788, 32.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 91, 152) }
```

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

```
.background{ background-color: rgb(222, 91,  
152) }
```

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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