

Converting Colors

XYZ(25.3936, 12.8296, 12.9912)

Have a look what the booklet for
XYZ(25.3936, 12.8296, 12.9912)
contains.

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Color

**XYZ(25.2781, 12.7712,
12.9372)**

Conversions

Conversions Part 1

Format	Color
Hex	C50063
RGB	197, 0, 99
RGB Percent	77%, 0%, 39%
CMY	0.2275, 0.9999, 0.6118
CMYK	0.00, 1.00, 0.50, 0.23
HSL	330°, 100%, 39%
HSV	330°, 100%, 77%
XYZ	25.2781, 12.7712, 12.9372
YIQ	70.1890, 85.6330, 72.5530

Conversions

Conversions Part 2

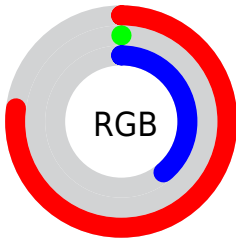
Format	Color
R_{YB}	197, 0, 99
Decimal	12910691
CIE _{Lab}	42.42, 69.75, 2.39
CIE _{LCh}	42, 69.789, 1.966
Yxy	12.7712, 0.4958, 0.2505
Android (android.graphics.Color)	4291100771 (0xFFC50063)
YUV	70.1890, 14.2038, 111.2132
Hunter-Lab	35.7368, 63.7209, 3.5520

Details

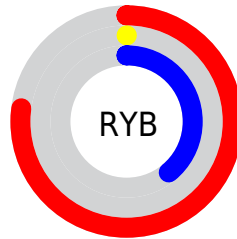
The XYZ color **25.2781, 12.7712, 12.9372** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **22.1730, 40.8152, 18.2740**, and the grayscale version is **5.8235, 6.1268, 6.6721**.

A 20% lighter version of the original color is **49.9926, 30.0855, 31.6060**, and **10.7959, 5.4913, 3.8591** is the 20% darker color. If you saturate the color by 10%, you get **25.2771, 12.7708, 12.9325**, and if you desaturate by 10%, it is **26.0211, 13.4613, 15.6391**.

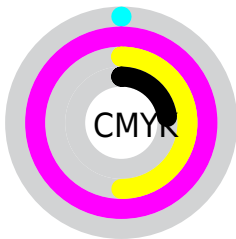
Distribution



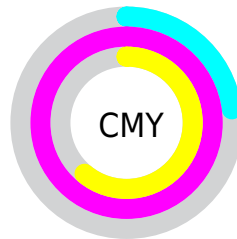
- Red (77%)
- Green (0%)
- Blue (39%)



- Red (77%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (23%)





- Cyan (23%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2781, 12.7712, 12.9372 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 25.2781, 12.7712, 12.9372 by changing the saturation by 10% instead.


 25.2781, 12.7712,
12.9372


 25.2781, 12.7712,
12.9372


271.5422,
209.4461, 221.7085


 16.4142, 7.2712,
7.2551


 51.5477, 30.8921,
31.8804


 9.9104, 3.6323,
3.5413


 69.6841, 44.2818,
45.9787


 5.4014, 1.4701,
1.3772

 91.6420, 61.0702,
63.7193

 2.5218, 0.2675,
0.1239

 117.7868, 81.6416,
85.5210

 0.9063, 0.0000,
0.0000

 148.4839,
106.3806, 111.8022

 0.0000, 0.0000,
0.0000

 184.0986,

135.6713, 142.9815

224.9963,
169.8984, 179.4774

■ 25.2781, 12.7712,
12.9372

■ 25.2781, 12.7712,
12.9372

■ 25.2771, 12.7708,
12.9325

■ 26.0211, 13.4613,
15.6391

■ 27.0719, 14.6727,
18.7336

■ 28.5200, 16.5816,
22.2598

■ 30.4127, 19.2799,
26.2421

■ 32.7901, 22.8451,
30.7022

■ 35.6877, 27.3454,
35.6599

■ 39.1373, 32.8422,
41.1336

■ 43.1683, 39.3916,
47.1403

■ 47.8077, 47.0454,
53.6964

Harmonies

Analogous

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



23.4049, 12.7712, 32.3959



25.2781, 12.7712, 12.9372



22.8725, 12.7712, 3.5296

Triad

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



25.2781, 12.7712, 12.9372



7.5408, 12.7712, 0.9736



7.9860, 12.7712, 58.2070

Complementary

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



25.2781, 12.7712, 12.9372



22.1730, 40.8152, 18.2740

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.



5.4316, 12.7712, 35.5097



25.2781, 12.7712, 12.9372



5.2315, 12.7712, 4.2641

Square

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



25.2781, 12.7712, 12.9372



11.7956, 12.7712, 0.2366



4.5876, 12.7712, 14.9213



12.4883, 12.7712, 67.4188

Rectangle

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



25.2781, 12.7712, 12.9372



19.4797, 12.7712, 1.3032



4.5876, 12.7712, 14.9213



6.9215, 12.7712, 51.3603

Sweetspot

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



25.2784, 12.7720, 12.9374



69.7763, 58.3066, 73.1794



14.8223, 6.4776, 53.2922



14.3467, 11.5379, 14.7446



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.



25.2784, 12.7720, 12.9374



45.1444, 22.8218, 22.4903



23.0445, 11.8784, 1.1735



10.8524, 10.7244, 12.2061



16.6682, 8.4168, 8.7285



0.8258, 0.4132, 0.6058

Inverse Universe

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



25.2784, 12.7720, 12.9374



45.1444, 22.8218, 22.4903



29.6725, 43.8149, 57.7657



10.8524, 10.7244, 12.2061



16.6682, 8.4168, 8.7285



0.8258, 0.4132, 0.6058

Previews

White Background



This preview shows how the XYZ color 25.2781, 12.7712, 12.9372 looks on a white 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

Black Background



This preview shows how the XYZ color 25.2781, 12.7712, 12.9372 looks on a black 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

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

XYZ 25.2781, 12.7712, 12.9372

Background



This preview shows how black text looks on a background with the XYZ color 25.2781, 12.7712, 12.9372.



This preview shows how white text looks on a background with the XYZ color 25.2781, 12.7712,

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

25.2781, 12.7712, 12.9372

Protanopia

13.8281, 13.4642, 27.8566

Deuteranopia

13.6863, 13.4609, 11.7744



Tritanopia

23.3399, 13.0669, 3.2115

Trichromacy



Original Color

25.2781, 12.7712, 12.9372

Protanomaly

14.7174, 9.8662, 21.2074

Deuteranomaly

15.6519, 10.4742, 11.7864

Tritanomaly

23.6956, 12.6343, 5.6046

Monochromacy



Original Color

25.2781, 12.7712, 12.9372

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.6260, 6.1839, 8.4708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2781, 12.7712, 12.9372 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(197, 0, 99)` looks like.

```
.text, #text, p{  
    color:rgb(197, 0, 99)  
}
```

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(197, 0, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 0, 99) }
```

Border

The CSS property to change the border of an element to XYZ 25.2781, 12.7712, 12.9372 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(197, 0, 99) }
```


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

```
.border{ border-color:rgb(197, 0, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 0, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 0, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 0, 99);  
box-shadow:4px 4px 4px 4px rgb(197, 0, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.2781, 12.7712, 12.9372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 0, 99) }
```

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

```
.background{ background-color: rgb(197, 0,  
99) }
```

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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