

Converting Colors

XYZ(25.6241, 12.6676, 19.4939)

Have a look what the booklet for
XYZ(25.6241, 12.6676, 19.4939)
contains.

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Color

**XYZ(25.7610, 12.8745,
19.5396)**

Conversions

Conversions Part 1

Format	Color
Hex	C2007A
RGB	194, 0, 122
RGB Percent	76%, 0%, 48%
CMY	0.2392, 0.9999, 0.5216
CMYK	0.00, 1.00, 0.37, 0.24
HSL	322°, 100%, 38%
HSV	322°, 100%, 76%
XYZ	25.7610, 12.8745, 19.5396
YIQ	71.9140, 76.4620, 79.0700

Conversions

Conversions Part 2

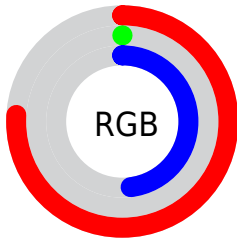
Format	Color
RYB	194, 0, 122
Decimal	12714106
CIELab	42.57, 71.11, -11.82
CIElCh	43, 72.081, 350.561
Yxy	12.8745, 0.4428, 0.2213
Android (android.graphics.Color)	4290904186 (0xFFC2007A)
YUV	71.9140, 24.6924, 107.0694
Hunter-Lab	35.8811, 65.3632, -7.1706

Details

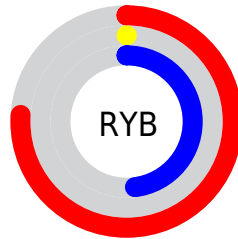
The XYZ color **25.7610, 12.8745, 19.5396** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **20.4630, 39.0521, 12.5961**, and the grayscale version is **6.0979, 6.4155, 6.9865**.

A 20% lighter version of the original color is **52.2078, 30.9716, 43.2709**, and **11.1943, 5.6319, 6.8004** is the 20% darker color. If you saturate the color by 10%, you get **25.7602, 12.8742, 19.5355**, and if you desaturate by 10%, it is **26.4643, 13.5403, 22.0579**.

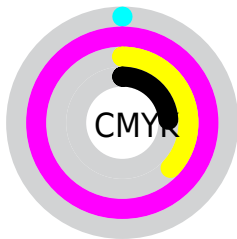
Distribution



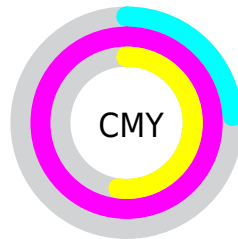
- Red (76%)
- Green (0%)
- Blue (48%)



- Red (76%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (24%)



- Cyan (24%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7610, 12.8745, 19.5396 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 25.7610, 12.8745, 19.5396 by changing the saturation by 10% instead.

■ 25.7610, 12.8745,
19.5396

■ 25.7610, 12.8745,
19.5396

273.8851,
210.1118, 261.9330

■ 16.7767, 7.3422,
11.8801

■ 52.3232, 31.0781,
43.4927

■ 10.1697, 3.6770,
6.5405

■ 70.6317, 44.5182,
60.6234

■ 5.5748, 1.4946,
3.1024

■ 92.7791, 61.3631,
81.7482

■ 2.6265, 0.2849,
1.1472

■ 119.1306, 81.9970,
107.2856

■ 0.9595, 0.0000,
0.0000

■ 150.0516,
106.8045, 137.6543

■ 0.0000, 0.0000,
0.0000

■ 185.9074,

136.1698, 173.2727

227.0635,
170.4774, 214.5594

■ 25.7610, 12.8745,
19.5396

■ 25.7610, 12.8745,
19.5396

■ 25.7602, 12.8742,
19.5355

■ 26.4643, 13.5403,
22.0579

■ 27.4409, 14.6986,
24.8337

■ 28.7769, 16.5207,
27.8992

■ 30.5167, 19.0944,
31.2725

■ 32.6981, 22.4940,
34.9691

■ 35.3542, 26.7847,
39.0031

■ 38.5148, 32.0254,
43.3876

■ 42.2071, 38.2696,
48.1344

■ 46.4566, 45.5670,
53.2548

Harmonies

Analogous

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



22.2471, 12.8745, 43.0390



25.7610, 12.8745, 19.5396



24.9071, 12.8745, 5.8980

Triad

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



25.7610, 12.8745, 19.5396



8.9127, 12.8745, 0.4134



6.7133, 12.8745, 52.3263

Complementary

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



25.7610, 12.8745, 19.5396



20.4630, 39.0521, 12.5961

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.



4.8131, 12.8745, 27.4233



25.7610, 12.8745, 19.5396



5.7960, 12.8745, 2.2890

Square

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



25.7610, 12.8745, 19.5396



14.0374, 12.8745, 0.1606



4.5363, 12.8745, 9.6492



10.5972, 12.8745, 69.3694

Rectangle

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



25.7610, 12.8745, 19.5396



22.0513, 12.8745, 2.1572



4.5363, 12.8745, 9.6492



5.8765, 12.8745, 43.9969

Sweetspot

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



25.7614, 12.8752, 19.5398



69.4743, 57.5115, 78.2002



12.3479, 5.2413, 51.3998



14.6540, 11.6608, 16.3625



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.



25.7614, 12.8752, 19.5398



46.5436, 23.2738, 34.7222



22.4338, 11.5442, 2.0171



10.3336, 10.1820, 11.8471



16.9773, 8.4807, 13.0584



0.7659, 0.3794, 0.7348

Inverse Universe

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



25.7614, 12.8752, 19.5398



46.5436, 23.2738, 34.7222



26.3730, 41.4161, 43.7173



10.3336, 10.1820, 11.8471



16.9773, 8.4807, 13.0584



0.7659, 0.3794, 0.7348

Previews

White Background



This preview shows how the XYZ color 25.7610, 12.8745, 19.5396 looks on a white background.

Color Contrast Check

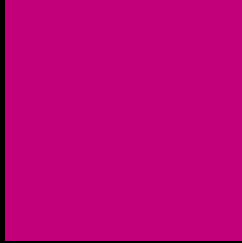
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7610, 12.8745, 19.5396 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 25.7610, 12.8745, 19.5396

Background



This preview shows how black text looks on a background with the XYZ color 25.7610, 12.8745, 19.5396.



This preview shows how white text looks on a background with the XYZ color 25.7610, 12.8745,

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

25.7610, 12.8745, 19.5396

Protanopia

14.9901, 13.7421, 42.4199

Deuteranopia

13.7221, 13.4947, 17.5043



Tritanopia

22.8679, 13.2913, 4.3778

Trichromacy



Original Color

25.7610, 12.8745, 19.5396



Protanomaly

15.0366, 9.7801, 32.5477



Deuteranomaly

15.6332, 10.4167, 17.7097



Tritanomaly

23.2804, 12.5781, 8.0383

Monochromacy



Original Color

25.7610, 12.8745, 19.5396



Achromatopsia

6.1596, 6.4803, 7.0571



Achromatomaly

10.0249, 6.4052, 10.3808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7610, 12.8745, 19.5396 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(194, 0, 122)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 122)  
}
```

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(194, 0, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 122) }
```

Border

The CSS property to change the border of an element to XYZ 25.7610, 12.8745, 19.5396 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(194, 0, 122) }
```


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

```
.border{ border-color:rgb(194, 0, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 0, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 122);  
box-shadow:4px 4px 4px 4px rgb(194, 0,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7610, 12.8745, 19.5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 122) }
```

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

```
.background{ background-color: rgb(194, 0,  
122) }
```

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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