

Converting Colors

XYZ(24.1037, 9.3856, 19.3551)

Have a look what the booklet for
XYZ(24.1037, 9.3856, 19.3551)
contains.

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Color

**XYZ(25.8233, 12.8994,
19.8677)**

Conversions

Conversions Part 1

Format	Color
Hex	C2007B
RGB	194, 0, 123
RGB Percent	76%, 0%, 48%
CMY	0.2392, 0.9999, 0.5176
CMYK	0.00, 1.00, 0.37, 0.24
HSL	322°, 100%, 38%
HSV	322°, 100%, 76%
XYZ	25.8233, 12.8994, 19.8677
YIQ	72.0280, 76.1410, 79.3810

Conversions

Conversions Part 2

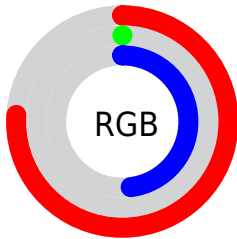
Format	Color
RYB	194, 0, 123
Decimal	12714107
CIELab	42.61, 71.20, -12.38
CIELCh	43, 72.272, 350.133
Yxy	12.8994, 0.4407, 0.2202
Android (android.graphics.Color)	4290904187 (0xFFC2007B)
YUV	72.0280, 25.1292, 106.9694
Hunter-Lab	35.9157, 65.4884, -7.6568

Details

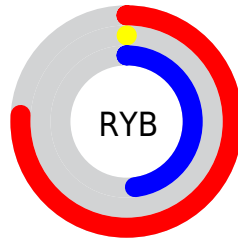
The XYZ color **25.8233, 12.8994, 19.8677** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **20.4306, 39.0392, 12.4253**, and the grayscale version is **6.1166, 6.4352, 7.0079**.

A 20% lighter version of the original color is **52.3057, 31.0107, 43.7863**, and **11.2277, 5.6453, 6.9765** is the 20% darker color. If you saturate the color by 10%, you get **25.8226, 12.8991, 19.8638**, and if you desaturate by 10%, it is **26.5245, 13.5643, 22.3750**.

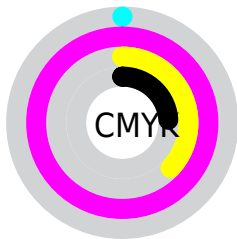
Distribution



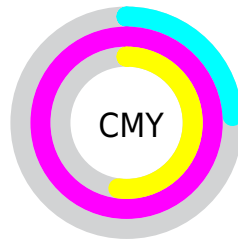
- Red (76%)
- Green (0%)
- Blue (48%)



- 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 25.8233, 12.8994, 19.8677 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 25.8233, 12.8994, 19.8677 by changing the saturation by 10% instead.

■ 25.8233, 12.8994,
19.8677

■ 25.8233, 12.8994,
19.8677

274.1862,
210.2719, 263.7785

■ 16.8235, 7.3593,
12.1158

■ 52.4231, 31.1229,
44.0513

■ 10.2032, 3.6878,
6.6991

■ 70.7538, 44.5752,
61.3201

■ 5.5972, 1.5005,
3.1991

■ 92.9254, 61.4336,
82.5983

■ 2.6401, 0.2891,
1.1972

■ 119.3035, 82.0825,
108.3043

■ 0.9664, 0.0000,
0.0000

■ 150.2532,
106.9065, 138.8568

■ 0.0000, 0.0000,
0.0000

■ 186.1400,

136.2897, 174.6743

227.3292,
170.6168, 216.1754

■ 25.8233, 12.8994,
19.8677

■ 25.8233, 12.8994,
19.8677

■ 25.8226, 12.8991,
19.8638

■ 26.5245, 13.5643,
22.3750

■ 27.4981, 14.7214,
25.1354

■ 28.8303, 16.5420,
28.1809

■ 30.5654, 19.1137,
31.5293

■ 32.7412, 22.5110,
35.1961

■ 35.3906, 26.7990,
39.1953

■ 38.5435, 32.0366,
43.5397

■ 42.2272, 38.2773,
48.2412

■ 46.4670, 45.5708,
53.3108

Harmonies

Analogous

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



22.2398, 12.8994, 43.5703



25.8233, 12.8994, 19.8677



25.0308, 12.8994, 6.0166

Triad

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



25.8233, 12.8994, 19.8677



8.9836, 12.8994, 0.3923



6.6769, 12.8994, 52.1946

Complementary

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



25.8233, 12.8994, 19.8677



20.4306, 39.0392, 12.4253

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.



4.7972, 12.8994, 27.1808



25.8233, 12.8994, 19.8677



5.8278, 12.8994, 2.2309

Square

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



25.8233, 12.8994, 19.8677



14.1534, 12.8994, 0.1583



4.5412, 12.8994, 9.4885



10.5444, 12.8994, 69.5667

Rectangle

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



25.8233, 12.8994, 19.8677



22.1930, 12.8994, 2.1995



4.5412, 12.8994, 9.4885



5.8470, 12.8994, 43.7993

Sweetspot

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



25.8237, 12.9001, 19.8679



69.5275, 57.5328, 78.4801



12.1164, 5.1219, 51.3890



14.6670, 11.6660, 16.4308



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.



25.8237, 12.9001, 19.8679



46.6570, 23.3191, 35.3194



22.4719, 11.5594, 2.2175



10.3358, 10.1829, 11.8589



17.0181, 8.4970, 13.2734



0.7675, 0.3800, 0.7431

Inverse Universe

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



25.8237, 12.9001, 19.8679



46.6570, 23.3191, 35.3194



26.0751, 41.2970, 42.1488



10.3358, 10.1829, 11.8589



17.0181, 8.4970, 13.2734



0.7675, 0.3800, 0.7431

Previews

White Background



This preview shows how the XYZ color 25.8233, 12.8994, 19.8677 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 25.8233, 12.8994, 19.8677 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 25.8233, 12.8994, 19.8677

Background



This preview shows how black text looks on a background with the XYZ color 25.8233, 12.8994, 19.8677.



This preview shows how white text looks on a background with the XYZ color 25.8233, 12.8994,

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

25.8233, 12.8994, 19.8677

Protanopia

15.0159, 13.7440, 42.9357

Deuteranopia

13.7788, 13.5174, 17.8025



Tritanopia

22.9092, 13.3741, 4.3916

Trichromacy



Original Color

25.8233, 12.8994, 19.8677



Protanomaly

14.9894, 9.7460, 32.9894



Deuteranomaly

15.6917, 10.4401, 18.0177



Tritanomaly

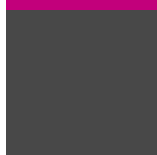
23.3154, 12.5922, 8.2228

Monochromacy



Original Color

25.8233, 12.8994, 19.8677



Achromatopsia

6.1596, 6.4803, 7.0571



Achromatomaly

10.0678, 6.4223, 10.6065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8233, 12.8994, 19.8677 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.8233, 12.8994, 19.8677 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, 123) }
```


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

```
.border{ border-color:rgb(194, 0, 123) }
```

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, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 123);  
box-shadow:4px 4px 4px 4px rgb(194, 0,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8233, 12.8994, 19.8677 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, 123) }
```

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

```
.background{ background-color: rgb(194, 0,  
123) }
```

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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