

Converting Colors

XYZ(25.7230, 12.7308, 30.6306)

Have a look what the booklet for
XYZ(25.7230, 12.7308, 30.6306)
contains.

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Color

**XYZ(25.7619, 12.7550,
30.8099)**

Conversions

Conversions Part 1

Format	Color
Hex	B90898
RGB	185, 8, 152
RGB Percent	73%, 3%, 60%
CMY	0.2745, 0.9685, 0.4039
CMYK	0.00, 0.96, 0.18, 0.27
HSL	311°, 92%, 38%
HSV	311°, 96%, 73%
XYZ	25.7619, 12.7550, 30.8099
YIQ	77.3390, 59.2680, 82.3080

Conversions

Conversions Part 2

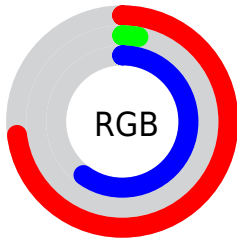
Format	Color
R_{YB}	185, 8, 152
Decimal	12126360
CIE _{Lab}	42.39, 71.89, -30.63
CIE _{LCh}	42, 78.144, 336.925
Yxy	12.7550, 0.3716, 0.1840
Android (android.graphics.Color)	4290316440 (0xFFB90898)
YUV	77.3390, 36.8079, 94.4187
Hunter-Lab	35.7141, 66.2587, -26.1484

Details

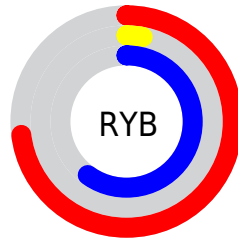
The XYZ color **25.7619, 12.7550, 30.8099** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **17.8503, 34.9102, 7.8981**, and the grayscale version is **7.0462, 7.4131, 8.0729**.

A 20% lighter version of the original color is **52.4084, 30.8969, 62.2330**, and **11.1014, 5.4516, 12.7791** is the 20% darker color. If you saturate the color by 10%, you get **25.5533, 12.5326, 30.1391**, and if you desaturate by 10%, it is **26.3432, 13.4585, 32.4182**.

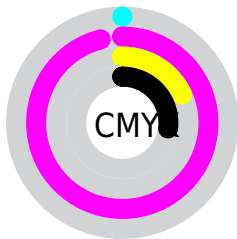
Distribution



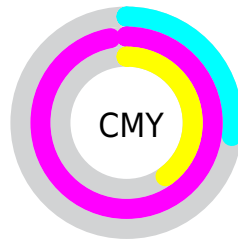
- Red (73%)
- Green (3%)
- Blue (60%)



- Red (73%)
- Yellow (3%)
- Blue (60%)



- Cyan (0%)
- Magenta (96%)
- Yellow (18%)
- Black (27%)





- Cyan (27%)
- Magenta (97%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7619, 12.7550, 30.8099 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 25.7619, 12.7550, 30.8099 by changing the saturation by 10% instead.


 25.7619, 12.7550,
30.8099


 25.7619, 12.7550,
30.8099


273.8895,
209.3415, 319.9856


 16.7773, 7.2601,
20.1969


 52.3246, 30.8629,
62.0167


 10.1702, 3.6253,
12.3527


 70.6335, 44.2447,
83.4476

 5.5751, 1.4662,
6.8589


 92.7812, 61.0242,
109.3215

 2.6266, 0.2648,
3.2969

 119.1331, 81.5858,
140.0570

 0.9596, 0.0000,
1.2482

 150.0545,
106.3140, 176.0726

 0.0000, 0.0000,
0.0187

 185.9108,

 0.0000, 0.0000,

135.5930, 217.7869

0.0000

227.0673,
169.8074, 265.6184

■ 25.7619, 12.7550,
30.8099

■ 25.7619, 12.7550,
30.8099

■ 25.5533, 12.5326,
30.1391

■ 26.3432, 13.4585,
32.4182

■ 27.1965, 14.6931,
34.1579

■ 28.3674, 16.5494,
36.0448

■ 29.8918, 19.0993,
38.0910

■ 31.8007, 22.4047,
40.3072

■ 34.1218, 26.5207,
42.7031

■ 36.8801, 31.4973,
45.2872

■ 40.0986, 37.3804,
48.0675

■ 43.7986, 44.2127,
51.0514

Harmonies

Analogous

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



20.2513, 12.7550, 59.1012



25.7619, 12.7550, 30.8099



27.1429, 12.7550, 10.3422

Triad

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



25.7619, 12.7550, 30.8099



10.8120, 12.7550, 0.0000



5.1513, 12.7550, 43.7853

Complementary

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



25.7619, 12.7550, 30.8099



17.8503, 34.9102, 7.8981

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.



4.0136, 12.7550, 18.1638



25.7619, 12.7550, 30.8099



6.5260, 12.7550, 0.7424

Square

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



25.7619, 12.7550, 30.8099



17.1094, 12.7550, 0.0837



4.4195, 12.7550, 4.6780



8.2142, 12.7550, 69.9440

Rectangle

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



25.7619, 12.7550, 30.8099



25.2355, 12.7550, 3.7879



4.4195, 12.7550, 4.6780



4.5851, 12.7550, 34.2828

Sweetspot

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



25.7623, 12.7557, 30.8101



64.0722, 52.8240, 79.3025



9.7378, 4.1378, 46.1846



13.3686, 10.5878, 16.6764



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.7623, 12.7557, 30.8101



45.6840, 22.4130, 53.5496



21.0223, 10.8596, 5.8492



9.3072, 9.1332, 10.9649



17.4245, 8.5436, 20.6540



0.6331, 0.3087, 0.8274

Inverse Universe

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



25.7623, 12.7557, 30.8101



45.6840, 22.4130, 53.5496



21.4093, 36.3338, 26.6396



9.3072, 9.1332, 10.9649



17.4245, 8.5436, 20.6540



0.6331, 0.3087, 0.8274

Previews

White Background



This preview shows how the XYZ color 25.7619, 12.7550, 30.8099 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 25.7619, 12.7550, 30.8099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

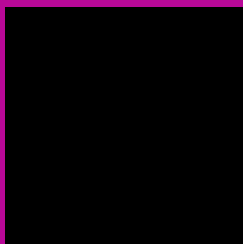
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.7619, 12.7550, 30.8099

Background



This preview shows how black text looks on a background with the XYZ color 25.7619, 12.7550, 30.8099.



This preview shows how white text looks on a background with the XYZ color 25.7619, 12.7550,

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

25.7619, 12.7550, 30.8099

Protanopia

15.8763, 13.3388, 62.0595

Deuteranopia

13.6361, 13.3652, 27.8476



Tritanopia

20.6445, 12.9377, 6.1118

Trichromacy



Original Color

25.7619, 12.7550, 30.8099



Protanomaly

13.2821, 8.6047, 48.5378



Deuteranomaly

15.3638, 10.3006, 28.3726



Tritanomaly

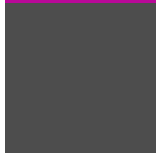
21.6809, 12.1154, 12.0223

Monochromacy



Original Color

25.7619, 12.7550, 30.8099



Achromatopsia

7.0540, 7.4214, 8.0819



Achromatomaly

10.9291, 7.1685, 13.9043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7619, 12.7550, 30.8099 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(185, 8, 152)` looks like.

```
.text, #text, p{  
    color:rgb(185, 8, 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(185, 8, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 8, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.7619, 12.7550, 30.8099 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(185, 8, 152) }
```


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

```
.border{ border-color:rgb(185, 8, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 8, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 8, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 8, 152);  
box-shadow:4px 4px 4px 4px rgb(185, 8,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7619, 12.7550, 30.8099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 8, 152) }
```

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

```
.background{ background-color: rgb(185, 8,  
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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