

Converting Colors

XYZ(25.9613, 12.9793, 27.8559)

Have a look what the booklet for
XYZ(25.9613, 12.9793, 27.8559)
contains.

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Color

**XYZ(25.9695, 12.9750,
27.9237)**

Conversions

Conversions Part 1

Format	Color
Hex	BC0B91
RGB	188, 11, 145
RGB Percent	74%, 4%, 57%
CMY	0.2627, 0.9568, 0.4314
CMYK	0.00, 0.94, 0.23, 0.26
HSL	315°, 89%, 39%
HSV	315°, 94%, 74%
XYZ	25.9695, 12.9750, 27.9237
YIQ	79.1990, 62.4780, 79.1980

Conversions

Conversions Part 2

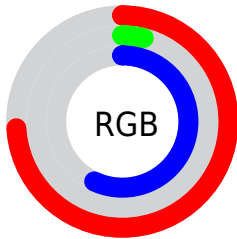
Format	Color
R_{YB}	188, 11, 145
Decimal	12323729
CIE _{Lab}	42.73, 71.32, -25.82
CIE _{LCh}	43, 75.849, 340.101
Yxy	12.9750, 0.3884, 0.1940
Android (android.graphics.Color)	4290513809 (0xFFBC0B91)
YUV	79.1990, 32.4399, 95.4185
Hunter-Lab	36.0208, 65.6545, -20.7476

Details

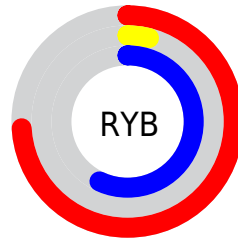
The XYZ color **25.9695, 12.9750, 27.9237** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **18.7881, 36.3045, 9.5105**, and the grayscale version is **7.4040, 7.7896, 8.4829**.

A 20% lighter version of the original color is **52.5926, 31.2247, 57.2879**, and **11.2263, 5.5540, 11.0700** is the 20% darker color. If you saturate the color by 10%, you get **25.6458, 12.6541, 26.8086**, and if you desaturate by 10%, it is **26.6693, 13.7993, 29.9301**.

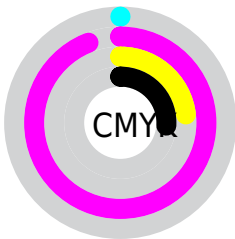
Distribution



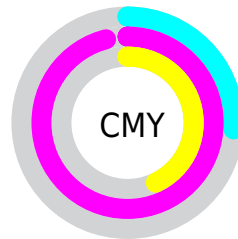
- Red (74%)
- Green (4%)
- Blue (57%)



- Red (74%)
- Yellow (4%)
- Blue (57%)



- Cyan (0%)
- Magenta (94%)
- Yellow (23%)
- Black (26%)





- Cyan (26%)
- Magenta (96%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9695, 12.9750, 27.9237 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 25.9695, 12.9750, 27.9237 by changing the saturation by 10% instead.

 25.9695, 12.9750,
27.9237


 25.9695, 12.9750,
27.9237


274.8918,
210.7574, 306.0026

 16.9334, 7.4113,
18.0296


 52.6574, 31.2589,
57.3842

 10.2820, 3.7207,
10.8016


 71.0399, 44.7478,
77.7878


 5.6500, 1.5186,
5.8211

 93.2685, 61.6474,
102.5315

 2.6721, 0.3017,
2.6696

 119.7087, 82.3419,
132.0340

 0.9828, 0.0000,
0.9281

 150.7258,
107.2158, 166.7139

 0.0000, 0.0000,
0.0000

 186.6851,

136.6534, 206.9895

227.9519,
171.0391, 253.2796

■ 25.9695, 12.9750,
27.9237

■ 25.9695, 12.9750,
27.9237

■ 25.6458, 12.6541,
26.8086

■ 26.6693, 13.7993,
29.9301

■ 27.6659, 15.1945,
32.1060

■ 29.0040, 17.2495,
34.4672

■ 30.7202, 20.0373,
37.0266

■ 32.8463, 23.6211,
39.7957

■ 35.4106, 28.0574,
42.7846

■ 38.4389, 33.3976,
46.0027

■ 41.9550, 39.6890,
49.4585

■ 45.9809, 46.9753,
53.1602

Harmonies

Analogous

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



20.9403, 12.9750, 54.9875



25.9695, 12.9750, 27.9237



26.7830, 12.9750, 9.2588

Triad

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



25.9695, 12.9750, 27.9237



10.4884, 12.9750, 0.0000



5.6476, 12.9750, 46.0344

Complementary

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



25.9695, 12.9750, 27.9237



18.7881, 36.3045, 9.5105

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.



4.3212, 12.9750, 20.4595



25.9695, 12.9750, 27.9237



6.4810, 12.9750, 1.0998

Square

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



25.9695, 12.9750, 27.9237



16.5036, 12.9750, 0.1639



4.5694, 12.9750, 5.8422



8.9308, 12.9750, 69.9484

Rectangle

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



25.9695, 12.9750, 27.9237



24.6247, 12.9750, 3.4375



4.5694, 12.9750, 5.8422



5.0128, 12.9750, 36.7825

Sweetspot

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



25.9699, 12.9757, 27.9239



67.1858, 56.1372, 80.7993



10.6298, 4.6094, 47.9066



13.9499, 11.1959, 16.8393



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.9699, 12.9757, 27.9239



46.3772, 22.8928, 48.0507



21.6284, 11.2391, 5.0617



9.8282, 9.6556, 11.4841



17.4914, 8.6277, 18.4129



0.7094, 0.3477, 0.8490

Inverse Universe

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



25.9699, 12.9757, 27.9239



46.3772, 22.8928, 48.0507



22.9150, 37.9553, 31.2425



9.8282, 9.6556, 11.4841



17.4914, 8.6277, 18.4129



0.7094, 0.3477, 0.8490

Previews

White Background



This preview shows how the XYZ color 25.9695, 12.9750, 27.9237 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 25.9695, 12.9750, 27.9237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

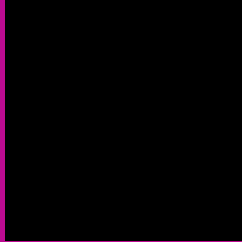
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.9695, 12.9750, 27.9237

Background



This preview shows how black text looks on a background with the XYZ color 25.9695, 12.9750, 27.9237.



This preview shows how white text looks on a background with the XYZ color 25.9695, 12.9750,

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

25.9695, 12.9750, 27.9237

Protanopia

16.0769, 13.6385, 59.5428

Deuteranopia

13.7137, 13.4646, 25.1687



Tritanopia

21.4114, 13.1868, 5.8317

Trichromacy



Original Color

25.9695, 12.9750, 27.9237



Protanomaly

14.6742, 9.5571, 45.8710



Deuteranomaly

15.6294, 10.5875, 25.6459



Tritanomaly

22.4919, 12.5489, 11.3619

Monochromacy



Original Color

25.9695, 12.9750, 27.9237



Achromatopsia

7.4317, 7.8187, 8.5146



Achromatomaly

11.3751, 7.5395, 13.6877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9695, 12.9750, 27.9237 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(188, 11, 145)` looks like.

```
.text, #text, p{  
    color:rgb(188, 11, 145)  
}
```

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(188, 11, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 11, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.9695, 12.9750, 27.9237 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(188, 11, 145) }
```


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

```
.border{ border-color:rgb(188, 11, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 11, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 11, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 11, 145);  
box-shadow:4px 4px 4px 4px rgb(188, 11,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9695, 12.9750, 27.9237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 11, 145) }
```

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

```
.background{ background-color: rgb(188, 11,  
145) }
```

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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