

Converting Colors

XYZ(25.2822, 12.4563, 27.2579)

Have a look what the booklet for
XYZ(25.2822, 12.4563, 27.2579)
contains.

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Color

**XYZ(25.2837, 12.4527,
27.4566)**

Conversions

Conversions Part 1

Format	Color
Hex	BA0090
RGB	186, 0, 144
RGB Percent	73%, 0%, 56%
CMY	0.2706, 0.9999, 0.4353
CMYK	0.00, 1.00, 0.23, 0.27
HSL	314°, 100%, 36%
HSV	314°, 100%, 73%
XYZ	25.2837, 12.4527, 27.4566
YIQ	72.0300, 64.6320, 84.2160

Conversions

Conversions Part 2

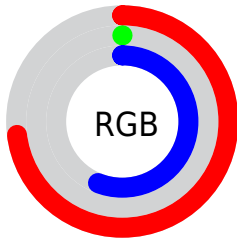
Format	Color
RYB	186, 0, 144
Decimal	12189840
CIELab	41.93, 71.88, -26.48
CIELCh	42, 76.605, 339.776
Yxy	12.4527, 0.3878, 0.1910
Android (android.graphics.Color)	4290379920 (0xFFBA0090)
YUV	72.0300, 35.4812, 99.9517
Hunter-Lab	35.2884, 66.1384, -21.4295

Details

The XYZ color **25.2837, 12.4527, 27.4566** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **17.9777, 35.2854, 8.0563**, and the grayscale version is **6.1007, 6.4184, 6.9896**.

A 20% lighter version of the original color is **51.5269, 30.3256, 56.5637**, and **10.8779, 5.3795, 10.8209** is the 20% darker color. If you saturate the color by 10%, you get **25.2833, 12.4526, 27.4542**, and if you desaturate by 10%, it is **25.8376, 13.0369, 29.2550**.

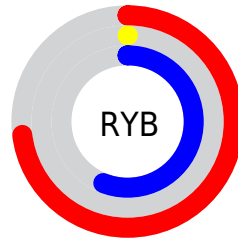
Distribution



Red (73%)

Green (0%)

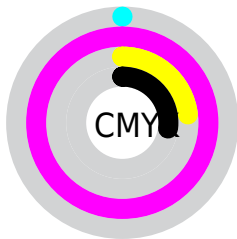
Blue (56%)



Red (73%)

Yellow (0%)

Blue (56%)

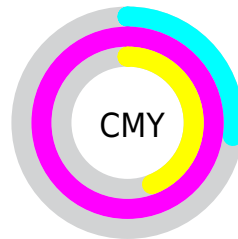


Cyan (0%)

Magenta (100%)

Yellow (23%)

Black (27%)



Cyan (27%)


Magenta (100%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2837, 12.4527, 27.4566 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 25.2837, 12.4527, 27.4566 by changing the saturation by 10% instead.


 25.2837, 12.4527,
27.4566


 25.2837, 12.4527,
27.4566


271.5695,
207.3797, 303.6910


 16.4184, 7.0528,
17.6810


 51.5567, 30.3170,
56.6283


 9.9134, 3.4951,
10.5541


 69.6951, 43.5501,
76.8615


 5.4034, 1.3954,
5.6575

 91.6552, 60.1631,
101.4176

 2.5230, 0.2133,
2.5726

 117.8024, 80.5403,
130.7152

 0.9069, 0.0000,
0.8782

 148.5021,
105.0662, 165.1727

 0.0000, 0.0000,
0.0000

 184.1196,

134.1251, 205.2089

225.0203,
168.1015, 251.2421

■ 25.2837, 12.4527,
27.4566

■ 25.2837, 12.4527,
27.4566

■ 25.2833, 12.4526,
27.4542

■ 25.8376, 13.0369,
29.2550

■ 26.6189, 14.0567,
31.1887

■ 27.7075, 15.6716,
33.2851

■ 29.1428, 17.9603,
35.5578

■ 30.9584, 20.9895,
38.0186

■ 33.1836, 24.8178,
40.6780

■ 35.8448, 29.4979,
43.5452

■ 38.9663, 35.0782,
46.6290

■ 42.5705, 41.6031,
49.9374

Harmonies

Analogous

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



20.2635, 12.4527, 54.4499



25.2837, 12.4527, 27.4566



26.1449, 12.4527, 8.9211

Triad

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



25.2837, 12.4527, 27.4566



10.0808, 12.4527, 0.0000



5.2824, 12.4527, 44.9182

Complementary

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



25.2837, 12.4527, 27.4566



17.9777, 35.2854, 8.0563

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.



4.0189, 12.4527, 19.5766



25.2837, 12.4527, 27.4566



6.1446, 12.4527, 0.9377

Square

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



25.2837, 12.4527, 27.4566



16.0154, 12.4527, 0.0283



4.2740, 12.4527, 5.3805



8.4553, 12.4527, 68.9612

Rectangle

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



25.2837, 12.4527, 27.4566



24.0332, 12.4527, 3.2172



4.2740, 12.4527, 5.3805



4.6748, 12.4527, 35.7044

Sweetspot

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



25.2841, 12.4534, 27.4568



64.7041, 52.9939, 78.6530



9.7509, 4.0034, 46.7133



13.7808, 10.8434, 16.8272



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.



25.2841, 12.4534, 27.4568



45.7314, 22.5326, 49.2565



20.8862, 10.6942, 4.2979



9.2918, 9.1271, 10.8840



17.0391, 8.3894, 18.6247



0.6223, 0.3044, 0.7707

Inverse Universe

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



25.2841, 12.4534, 27.4568



45.7314, 22.5326, 49.2565



21.8143, 36.8201, 28.2593



9.2918, 9.1271, 10.8840



17.0391, 8.3894, 18.6247



0.6223, 0.3044, 0.7707

Previews

White Background



This preview shows how the XYZ color 25.2837, 12.4527, 27.4566 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

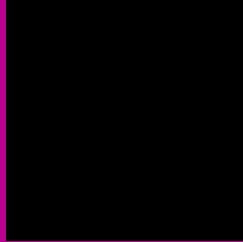
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.2837, 12.4527, 27.4566

Background



This preview shows how black text looks on a background with the XYZ color 25.2837, 12.4527, 27.4566.



This preview shows how white text looks on a background with the XYZ color 25.2837, 12.4527,

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

25.2837, 12.4527, 27.4566

Protanopia

15.6928, 13.3146, 58.8696

Deuteranopia

13.4445, 13.1908, 24.7591



Tritanopia

20.8691, 12.8362, 5.6527

Trichromacy



Original Color

25.2837, 12.4527, 27.4566



Protanomaly

13.8223, 8.7075, 45.2082



Deuteranomaly

15.1732, 10.0138, 25.1779



Tritanomaly

21.8106, 11.9622, 11.0569

Monochromacy



Original Color

25.2837, 12.4527, 27.4566



Achromatopsia

6.1596, 6.4803, 7.0571



Achromatomaly

9.9917, 6.3465, 12.2537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2837, 12.4527, 27.4566 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(186, 0, 144)` looks like.

```
.text, #text, p{  
    color:rgb(186, 0, 144)  
}
```

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(186, 0, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 144) }
```

Border

The CSS property to change the border of an element to XYZ 25.2837, 12.4527, 27.4566 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(186, 0, 144) }
```


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

```
.border{ border-color:rgb(186, 0, 144) }
```

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

Here you see how a box with a 4 pixel rgb(186, 0, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 144);  
box-shadow:4px 4px 4px 4px rgb(186, 0,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2837, 12.4527, 27.4566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 144) }
```

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

```
.background{ background-color: rgb(186, 0,  
144) }
```

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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