

Converting Colors

XYZ(27.0101, 13.2933, 29.7675)

Have a look what the booklet for
XYZ(27.0101, 13.2933, 29.7675)
contains.

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Color

**XYZ(26.9107, 13.2463,
29.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	BF0095
RGB	191, 0, 149
RGB Percent	75%, 0%, 58%
CMY	0.2510, 0.9999, 0.4157
CMYK	0.00, 1.00, 0.22, 0.25
HSL	313°, 100%, 37%
HSV	313°, 100%, 75%
XYZ	26.9107, 13.2463, 29.5722
YIQ	74.0950, 66.0070, 86.8310

Conversions

Conversions Part 2

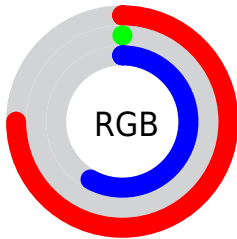
Format	Color
R_{YB}	191, 0, 149
Decimal	12517525
CIE _{Lab}	43.13, 73.44, -27.57
CIE _{LCh}	43, 78.446, 339.425
Yxy	13.2463, 0.3859, 0.1900
Android (android.graphics.Color)	4290707605 (0xFFBF0095)
YUV	74.0950, 36.9282, 102.5257
Hunter-Lab	36.3955, 68.2903, -22.6977

Details

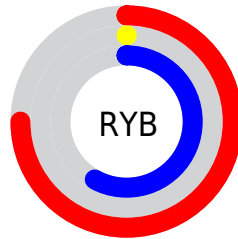
The XYZ color **26.9107, 13.2463, 29.5722** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **19.0497, 37.4294, 8.4138**, and the grayscale version is **6.4570, 6.7933, 7.3979**.

A 20% lighter version of the original color is **53.9713, 31.6374, 59.7619**, and **11.7203, 5.7874, 12.0546** is the 20% darker color. If you saturate the color by 10%, you get **26.9103, 13.2462, 29.5696**, and if you desaturate by 10%, it is **27.4874, 13.8531, 31.4492**.

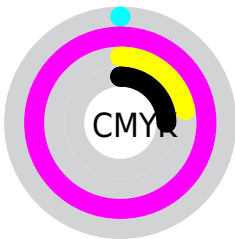
Distribution



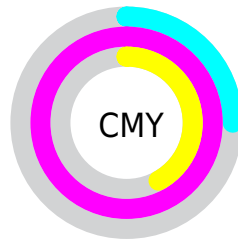
- Red (75%)
- Green (0%)
- Blue (58%)



- Red (75%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9107, 13.2463, 29.5722 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 26.9107, 13.2463, 29.5722 by changing the saturation by 10% instead.


 26.9107, 13.2463,
29.5722


 26.9107, 13.2463,
29.5722


279.3999,
212.4902, 314.0503


 17.6424, 7.5984,
19.2648


 54.1614, 31.7456,
60.0380


 10.7917, 3.8390,
11.6830


 72.8746, 45.3657,
81.0334


 5.9932, 1.5839,
6.4083


 95.4667, 62.4120,
106.4286

 2.8816, 0.3467,
3.0221

 122.3032, 83.2689,
136.6422

 1.0914, 0.0000,
1.1060

 153.7495,
108.3208, 172.0926

 0.0179, 0.0000,
0.0000

 190.1707,

 0.0000, 0.0000,

137.9520, 213.1984

0.0000

231.9324,
172.5470, 260.3781

■ 26.9107, 13.2463,
29.5722

■ 26.9107, 13.2463,
29.5722

■ 26.9103, 13.2462,
29.5696

■ 27.4874, 13.8531,
31.4492

■ 28.3066, 14.9254,
33.4673

■ 29.4517, 16.6299,
35.6549

■ 30.9650, 19.0506,
38.0268

■ 32.8821, 22.2589,
40.5953

■ 35.2345, 26.3175,
43.3716

■ 38.0503, 31.2826,
46.3656

■ 41.3556, 37.2056,
49.5865

■ 45.1740, 44.1342,
53.0429

Harmonies

Analogous

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



21.5098, 13.2463, 58.4537



26.9107, 13.2463, 29.5722



27.8924, 13.2463, 9.6292

Triad

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



26.9107, 13.2463, 29.5722



10.7809, 13.2463, 0.0000



5.5762, 13.2463, 47.5803

Complementary

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



26.9107, 13.2463, 29.5722



19.0497, 37.4294, 8.4138

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.



4.2518, 13.2463, 20.5906



26.9107, 13.2463, 29.5722



6.5566, 13.2463, 0.9627

Square

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



26.9107, 13.2463, 29.5722



17.1334, 13.2463, 0.0646



4.5416, 13.2463, 5.6014



8.9308, 13.2463, 73.4362

Rectangle

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



26.9107, 13.2463, 29.5722



25.6723, 13.2463, 3.4706



4.5416, 13.2463, 5.6014



4.9367, 13.2463, 37.7409

Sweetspot

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



26.9112, 13.2470, 29.5724



67.8808, 55.5519, 82.7685



10.3351, 4.2421, 49.5646



14.4143, 11.3280, 17.6637



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.9112, 13.2470, 29.5724



48.1014, 23.6859, 52.4597



22.1554, 11.3447, 4.5290



9.8377, 9.6594, 11.5343



17.7160, 8.7176, 19.5960



0.7166, 0.3505, 0.8870

Inverse Universe

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



26.9112, 13.2470, 29.5724



48.1014, 23.6859, 52.4597



23.1389, 39.0651, 29.9471



9.8377, 9.6594, 11.5343



17.7160, 8.7176, 19.5960



0.7166, 0.3505, 0.8870

Previews

White Background



This preview shows how the XYZ color 26.9107, 13.2463, 29.5722 looks on a white background.

Color Contrast Check

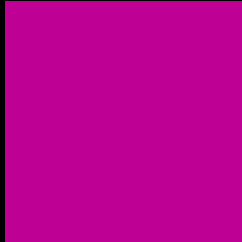
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9107, 13.2463, 29.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

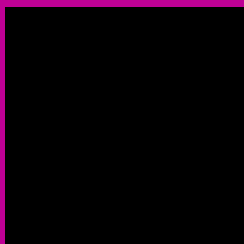
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.9107, 13.2463, 29.5722

Background



This preview shows how black text looks on a background with the XYZ color 26.9107, 13.2463, 29.5722.



This preview shows how white text looks on a background with the XYZ color 26.9107, 13.2463,

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

26.9107, 13.2463, 29.5722

Protanopia

16.7424, 14.1811, 63.4828

Deuteranopia

14.3032, 14.0268, 26.7645



Tritanopia

22.2006, 13.6661, 6.0251

Trichromacy



Original Color

26.9107, 13.2463, 29.5722



Protanomaly

14.4778, 9.1366, 48.5774



Deuteranomaly

16.1121, 10.6254, 27.1883



Tritanomaly

23.2070, 12.7592, 11.8293

Monochromacy



Original Color

26.9107, 13.2463, 29.5722



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

10.7016, 6.7545, 13.0516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9107, 13.2463, 29.5722 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(191, 0, 149)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 149)  
}
```

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(191, 0, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 149) }
```

Border

The CSS property to change the border of an element to XYZ 26.9107, 13.2463, 29.5722 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(191, 0, 149) }
```


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

```
.border{ border-color:rgb(191, 0, 149) }
```

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

Here you see how a box with a 4 pixel rgb(191, 0, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 149);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9107, 13.2463, 29.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 149) }
```

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

```
.background{ background-color: rgb(191, 0,  
149) }
```

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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