

Converting Colors

XYZ(26.5390, 13.1049, 27.2868)

Have a look what the booklet for
XYZ(26.5390, 13.1049, 27.2868)
contains.

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Color

**XYZ(26.4438, 13.0595,
27.1136)**

Conversions

Conversions Part 1

Format	Color
Hex	BF008F
RGB	191, 0, 143
RGB Percent	75%, 0%, 56%
CMY	0.2510, 0.9999, 0.4392
CMYK	0.00, 1.00, 0.25, 0.25
HSL	315°, 100%, 37%
HSV	315°, 100%, 75%
XYZ	26.4438, 13.0595, 27.1136
YIQ	73.4110, 67.9330, 84.9650

Conversions

Conversions Part 2

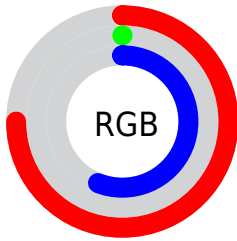
Format	Color
RYB	191, 0, 143
Decimal	12517519
CIELab	42.85, 72.74, -24.36
CIElCh	43, 76.705, 341.486
Yxy	13.0595, 0.3970, 0.1960
Android (android.graphics.Color)	4290707599 (0xFFBF008F)
YUV	73.4110, 34.3074, 103.1256
Hunter-Lab	36.1379, 67.3754, -19.1876

Details

The XYZ color **26.4438, 13.0595, 27.1136** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **19.1653, 37.4756, 9.0227**, and the grayscale version is **6.3409, 6.6711, 7.2648**.

A 20% lighter version of the original color is **53.2699, 31.3568, 56.0682**, and **11.4475, 5.6782, 10.6179** is the 20% darker color. If you saturate the color by 10%, you get **26.4434, 13.0594, 27.1110**, and if you desaturate by 10%, it is **27.0506, 13.6783, 29.1489**.

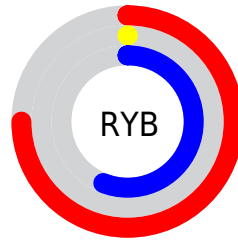
Distribution



Red (75%)

Green (0%)

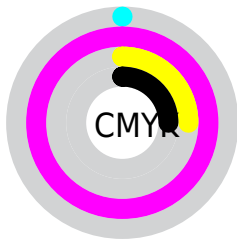
Blue (56%)



Red (75%)

Yellow (0%)

Blue (56%)

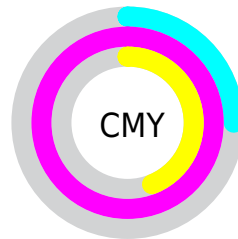


Cyan (0%)

Magenta (100%)

Yellow (25%)

Black (25%)



Cyan (25%)

Magenta (100%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4438, 13.0595, 27.1136 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 26.4438, 13.0595, 27.1136 by changing the saturation by 10% instead.


 26.4438, 13.0595,
27.1136


 26.4438, 13.0595,
27.1136


277.1708,
211.2986, 301.9843


 17.2904, 7.4695,
17.4254


 53.4163, 31.4106,
56.0721


 10.5383, 3.7574,
10.3731


 71.9660, 44.9406,
76.1794


 5.8223, 1.5388,
5.5382

 94.3785, 61.8860,
100.5968

 2.7770, 0.3158,
2.5022

 121.0192, 82.6313,
129.7428

 1.0369, 0.0000,
0.8413

 152.2535,
107.5608, 164.0361

 0.0000, 0.0000,
0.0000

 188.4466,

137.0589, 203.8950

229.9639,
171.5101, 249.7383

■ 26.4438, 13.0595,
27.1136

■ 26.4438, 13.0595,
27.1136

■ 26.4434, 13.0594,
27.1110

■ 27.0506, 13.6783,
29.1489

■ 27.9033, 14.7640,
31.3439

■ 29.0856, 16.4833,
33.7273

■ 30.6396, 18.9203,
36.3143

■ 32.6013, 22.1464,
39.1175

■ 35.0020, 26.2242,
42.1483

■ 37.8700, 31.2100,
45.4171

■ 41.2312, 37.1554,
48.9334

■ 45.1097, 44.1079,
52.7058

Harmonies

Analogous

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



21.4655, 13.0595, 54.6384



26.4438, 13.0595, 27.1136



27.0396, 13.0595, 8.7162

Triad

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



26.4438, 13.0595, 27.1136



10.3027, 13.0595, 0.0000



5.7441, 13.0595, 48.0645

Complementary

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



26.4438, 13.0595, 27.1136



19.1653, 37.4756, 9.0227

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.



4.3251, 13.0595, 21.6563



26.4438, 13.0595, 27.1136



6.3480, 13.0595, 1.1601

Square

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



26.4438, 13.0595, 27.1136



16.3423, 13.0595, 0.0803



4.5044, 13.0595, 6.2412



9.1696, 13.0595, 71.9546

Rectangle

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



26.4438, 13.0595, 27.1136



24.7034, 13.0595, 3.1516



4.5044, 13.0595, 6.2412



5.0738, 13.0595, 38.5872

Sweetspot

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



26.4442, 13.0602, 27.1138



67.5536, 55.4210, 81.0454



10.6125, 4.3850, 49.5776



14.3335, 11.2957, 17.2384



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.



26.4442, 13.0602, 27.1138



47.2573, 23.3482, 48.0144



22.0151, 11.2885, 3.7901



9.8247, 9.6542, 11.4659



17.4118, 8.5959, 17.9941



0.7068, 0.3466, 0.8355

Inverse Universe

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



26.4442, 13.0602, 27.1138



47.2573, 23.3482, 48.0144



23.6087, 39.2530, 32.4211



9.8247, 9.6542, 11.4659



17.4118, 8.5959, 17.9941



0.7068, 0.3466, 0.8355

Previews

White Background



This preview shows how the XYZ color 26.4438, 13.0595, 27.1136 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 26.4438, 13.0595, 27.1136

Background



This preview shows how black text looks on a background with the XYZ color 26.4438, 13.0595, 27.1136.



This preview shows how white text looks on a background with the XYZ color 26.4438, 13.0595,

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

26.4438, 13.0595, 27.1136

Protanopia

16.2117, 13.8773, 58.3240

Deuteranopia

13.9842, 13.7654, 24.4742



Tritanopia

22.2112, 13.4584, 5.5647

Trichromacy



Original Color

26.4438, 13.0595, 27.1136



Protanomaly

14.8932, 9.4359, 44.7524



Deuteranomaly

15.7657, 10.4120, 24.8457



Tritanomaly

22.9699, 12.5647, 10.8874

Monochromacy



Original Color

26.4438, 13.0595, 27.1136



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.3841, 6.5488, 12.2720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4438, 13.0595, 27.1136 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 143) }
```

Border

The CSS property to change the border of an element to XYZ 26.4438, 13.0595, 27.1136 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, 143) }
```


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

```
.border{ border-color:rgb(191, 0, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 143);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4438, 13.0595, 27.1136 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, 143) }
```

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

```
.background{ background-color: rgb(191, 0,  
143) }
```

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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