

Converting Colors

XYZ(24.7328, 9.5955, 24.3699)

Have a look what the booklet for
XYZ(24.7328, 9.5955, 24.3699)
contains.

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Color

**XYZ(26.5077, 13.1436,
24.8068)**

Conversions

Conversions Part 1

Format	Color
Hex	C10089
RGB	193, 0, 137
RGB Percent	76%, 0%, 54%
CMY	0.2431, 0.9999, 0.4627
CMYK	0.00, 1.00, 0.29, 0.24
HSL	317°, 100%, 38%
HSV	317°, 100%, 76%
XYZ	26.5077, 13.1436, 24.8068
YIQ	73.3250, 71.0510, 83.5230

Conversions

Conversions Part 2

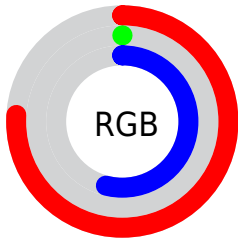
Format	Color
R_{YB}	193, 0, 137
Decimal	12648585
CIE _{Lab}	42.98, 72.45, -20.46
CIE _{LCh}	43, 75.289, 344.228
Yxy	13.1436, 0.4112, 0.2039
Android (android.graphics.Color)	4290838665 (0xFFC10089)
YUV	73.3250, 31.3918, 104.9550
Hunter-Lab	36.2541, 67.0681, -15.1912

Details

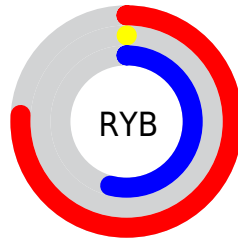
The XYZ color **26.5077, 13.1436, 24.8068** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **19.7850, 38.4261, 10.1195**, and the grayscale version is **6.3308, 6.6605, 7.2532**.

A 20% lighter version of the original color is **53.6852, 31.6488, 52.5695**, and **11.5518, 5.7565, 9.5191** is the 20% darker color. If you saturate the color by 10%, you get **26.5071, 13.1434, 24.8035**, and if you desaturate by 10%, it is **27.1587, 13.7856, 27.0580**.

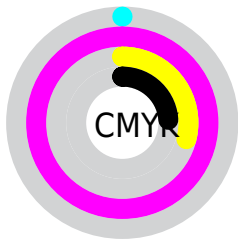
Distribution



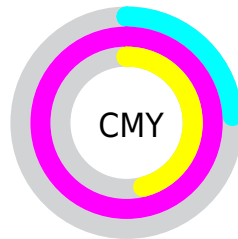
- Red (76%)
- Green (0%)
- Blue (54%)



- Red (76%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (24%)





- Cyan (24%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5077, 13.1436, 24.8068 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 26.5077, 13.1436, 24.8068 by changing the saturation by 10% instead.


 26.5077, 13.1436,
24.8068


 26.5077, 13.1436,
24.8068


277.4767,
211.8359, 290.2912

 17.3385, 7.5275,
15.7155


 53.5184, 31.5615,
52.3039


 10.5729, 3.7941,
9.1709


 72.0905, 45.1321,
71.5466


 5.8456, 1.5591,
4.7545

 94.5277, 62.1231,
95.0103

 2.7912, 0.3298,
2.0477

 121.1953, 82.9187,
123.1135

 1.0443, 0.0000,
0.5844

 152.4587,
107.9034, 156.2746

 0.0000, 0.0000,
0.0000

 188.6831,

137.4616, 194.9122

230.2340,
171.9776, 239.4449

■ 26.5077, 13.1436,
24.8068

■ 26.5077, 13.1436,
24.8068

■ 26.5071, 13.1434,
24.8035

■ 27.1587, 13.7856,
27.0580

■ 28.0672, 14.9089,
29.4993

■ 29.3183, 16.6832,
32.1608

■ 30.9556, 19.1949,
35.0584

■ 33.0159, 22.5173,
38.2057

■ 35.5315, 26.7146,
41.6150

■ 38.5316, 31.8448,
45.2974

■ 42.0429, 37.9607,
49.2630

■ 46.0900, 45.1112,
53.5214

Harmonies

Analogous

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



21.9441, 13.1436, 51.3114



26.5077, 13.1436, 24.8068



26.6357, 13.1436, 7.8338

Triad

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



26.5077, 13.1436, 24.8068



9.9583, 13.1436, 0.0784



6.1076, 13.1436, 49.9058

Complementary

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



26.5077, 13.1436, 24.8068



19.7850, 38.4261, 10.1195

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.



4.5267, 13.1436, 23.6321



26.5077, 13.1436, 24.8068



6.2398, 13.1436, 1.4806

Square

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



26.5077, 13.1436, 24.8068



15.7589, 13.1436, 0.1151



4.5662, 13.1436, 7.2931



9.7120, 13.1436, 71.8761

Rectangle

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



26.5077, 13.1436, 24.8068



24.1002, 13.1436, 2.8436



4.5662, 13.1436, 7.2931



5.3793, 13.1436, 40.6718

Sweetspot

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



26.5081, 13.1443, 24.8070



68.7284, 56.5476, 80.7958



11.1855, 4.6549, 50.7612



14.2353, 11.2564, 16.7214



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.



26.5081, 13.1443, 24.8070



47.3621, 23.4950, 43.8319



22.4078, 11.5042, 3.2151



10.3687, 10.1961, 12.0319



17.6664, 8.7563, 16.6873



0.7920, 0.3898, 0.8722

Inverse Universe

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



26.5081, 13.1443, 24.8070



47.3621, 23.4950, 43.8319



24.6718, 40.3808, 35.8532



10.3687, 10.1961, 12.0319



17.6664, 8.7563, 16.6873



0.7920, 0.3898, 0.8722

Previews

White Background



This preview shows how the XYZ color 26.5077, 13.1436, 24.8068 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 26.5077, 13.1436, 24.8068 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 26.5077, 13.1436, 24.8068

Background



This preview shows how black text looks on a background with the XYZ color 26.5077, 13.1436, 24.8068.



This preview shows how white text looks on a background with the XYZ color 26.5077, 13.1436,

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

26.5077, 13.1436, 24.8068

Protanopia

15.9722, 14.0044, 53.4910

Deuteranopia

14.1271, 13.8860, 22.3578



Tritanopia

22.5265, 13.4887, 5.1577

Trichromacy



Original Color

26.5077, 13.1436, 24.8068



Protanomaly

15.1823, 9.6658, 41.1099



Deuteranomaly

15.9787, 10.5702, 22.6708



Tritanomaly

23.1980, 12.6187, 9.8073

Monochromacy



Original Color

26.5077, 13.1436, 24.8068



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.4244, 6.5804, 11.7871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5077, 13.1436, 24.8068 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(193, 0, 137)` looks like.

```
.text, #text, p{  
  color:rgb(193, 0, 137)  
}
```

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(193, 0, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 0, 137) }
```

Border

The CSS property to change the border of an element to XYZ 26.5077, 13.1436, 24.8068 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(193, 0, 137) }
```


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

```
.border{ border-color:rgb(193, 0, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 0, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 0, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 0, 137);  
box-shadow:4px 4px 4px 4px rgb(193, 0,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5077, 13.1436, 24.8068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 0, 137) }
```

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

```
.background{ background-color: rgb(193, 0,  
137) }
```

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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