

Converting Colors

XYZ(26.7567, 14.1167, 28.1912)

Have a look what the booklet for
XYZ(26.7567, 14.1167, 28.1912)
contains.

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Color

**XYZ(26.7280, 14.1249,
28.1057)**

Conversions

Conversions Part 1

Format	Color
Hex	BD2491
RGB	189, 36, 145
RGB Percent	74%, 14%, 57%
CMY	0.2588, 0.8588, 0.4314
CMYK	0.00, 0.81, 0.23, 0.26
HSL	317°, 68%, 44%
HSV	317°, 81%, 74%
XYZ	26.7280, 14.1249, 28.1057
YIQ	94.1730, 56.1990, 66.3350

Conversions

Conversions Part 2

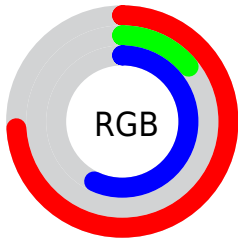
Format	Color
R_{YB}	189, 36, 145
Decimal	12395665
CIE _{Lab}	44.41, 67.18, -23.19
CIE _{LCh}	44, 71.070, 340.960
Yxy	14.1249, 0.3876, 0.2048
Android (android.graphics.Color)	4290585745 (0xFFBD2491)
YUV	94.1730, 25.0577, 83.1633
Hunter-Lab	37.5831, 61.1735, -18.0305

Details

The XYZ color **26.7280, 14.1249, 28.1057** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **20.3740, 37.3500, 13.7270**, and the grayscale version is **10.6148, 11.1675, 12.1615**.

A 20% lighter version of the original color is **53.9329, 33.3776, 57.6328**, and **11.3805, 5.6334, 11.0772** is the 20% darker color. If you saturate the color by 10%, you get **25.8901, 13.1039, 25.8077**, and if you desaturate by 10%, it is **27.8886, 15.7589, 30.6105**.

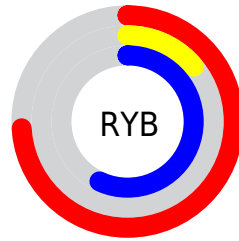
Distribution



Red (74%)

Green (14%)

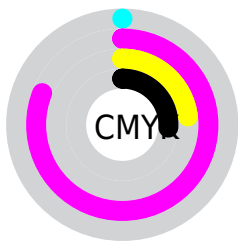
Blue (57%)



Red (74%)

Yellow (14%)

Blue (57%)

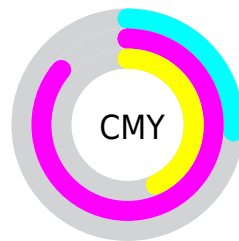


Cyan (0%)

Magenta (81%)

Yellow (23%)

Black (26%)



Cyan (26%)


Magenta (86%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7280, 14.1249, 28.1057 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 26.7280, 14.1249, 28.1057 by changing the saturation by 10% instead.

 26.7280, 14.1249,
28.1057


 26.7280, 14.1249,
28.1057


278.5293,
218.0065, 306.8995


 17.5046, 8.2076,
18.1656


 53.8701, 33.3105,
57.6783


 10.6924, 4.2281,
10.8983


 72.5194, 47.3475,
78.1479


 5.9262, 1.8019,
5.8852

 95.0414, 64.8600,
102.9644

 2.8405, 0.4884,
2.7077

 121.8015, 86.2322,
132.5463

 1.0700, 0.0000,
0.9473

 153.1650,
111.8485, 167.3123

 0.0000, 0.0000,
0.0000

 189.4972,

142.0934, 207.6807

231.1636,
177.3513, 254.0703

■ 26.7280, 14.1249,
28.1057

■ 26.7280, 14.1249,
28.1057

■ 25.8901, 13.1039,
25.8077

■ 27.8886, 15.7589,
30.6105

■ 25.3345, 12.5581,
23.8790

■ 29.4125, 18.0872,
33.3365

■ 31.3356, 21.1810,
36.2973

■ 33.6891, 25.1021,
39.5044

■ 36.5008, 29.9059,
42.9684

■ 39.7962, 35.6430,
46.6991

■ 43.5990, 42.3602,
50.7056

■ 47.9312, 50.1011,
54.9963

■ 52.8133, 58.9067,
59.5794

Harmonies

Analogous

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



21.9975, 14.1249, 53.5081



26.7280, 14.1249, 28.1057



27.3675, 14.1249, 10.1371

Triad

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



26.7280, 14.1249, 28.1057



11.4419, 14.1249, 0.4753



6.7175, 14.1249, 46.6243

Complementary

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



26.7280, 14.1249, 28.1057



20.3740, 37.3500, 13.7270

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.



5.2667, 14.1249, 22.1751



26.7280, 14.1249, 28.1057



7.4317, 14.1249, 1.7516

Square

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



26.7280, 14.1249, 28.1057



17.3402, 14.1249, 0.6565



5.4845, 14.1249, 7.2258



10.1490, 14.1249, 68.4612

Rectangle

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



26.7280, 14.1249, 28.1057



25.2301, 14.1249, 4.2038



5.4845, 14.1249, 7.2258



6.0330, 14.1249, 37.9253

Sweetspot

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



26.7285, 14.1256, 28.1060



69.1456, 60.1106, 81.2862



13.0709, 6.6142, 48.7322



14.4185, 12.1418, 16.9688



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.



26.7285, 14.1256, 28.1060



45.5529, 22.6906, 43.3166



22.6967, 12.5129, 6.8751



9.8098, 9.6482, 11.3874



17.0801, 8.4632, 16.2471



0.6960, 0.3423, 0.7783

Inverse Universe

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



26.7285, 14.1256, 28.1060



45.5529, 22.6906, 43.3166



24.9139, 39.1660, 37.6339



9.8098, 9.6482, 11.3874



17.0801, 8.4632, 16.2471



0.6960, 0.3423, 0.7783

Previews

White Background



This preview shows how the XYZ color 26.7280, 14.1249, 28.1057 looks on a white background.

Color Contrast Check

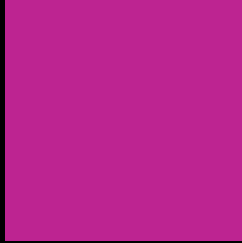
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7280, 14.1249, 28.1057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

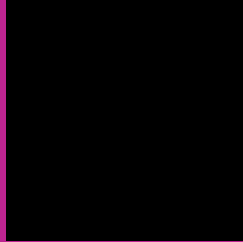
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.7280, 14.1249, 28.1057

Background



This preview shows how black text looks on a background with the XYZ color 26.7280, 14.1249, 28.1057.



This preview shows how white text looks on a background with the XYZ color 26.7280, 14.1249,

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

26.7280, 14.1249, 28.1057

Protanopia

16.6732, 14.6313, 54.7687

Deuteranopia

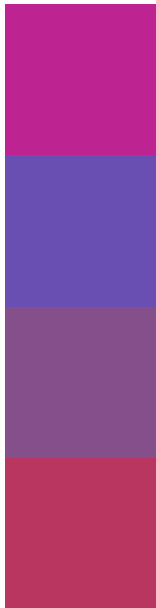
14.6498, 14.3875, 25.2975



Tritanopia

22.4621, 14.2652, 7.0384

Trichromacy



Original Color

26.7280, 14.1249, 28.1057

Protanomaly

16.7757, 11.8705, 43.5265

Deuteranomaly

16.9719, 12.3616, 25.9176

Tritanomaly

23.4381, 13.7971, 12.4941

Monochromacy



Original Color

26.7280, 14.1249, 28.1057

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

14.4164, 10.6245, 16.9137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7280, 14.1249, 28.1057 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(189, 36, 145)` looks like.

```
.text, #text, p{  
    color:rgb(189, 36, 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(189, 36, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 36, 145) }
```

Border

The CSS property to change the border of an element to XYZ 26.7280, 14.1249, 28.1057 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(189, 36, 145) }
```


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

```
.border{ border-color:rgb(189, 36, 145) }
```

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

Here you see how a box with a 4 pixel rgb(189, 36, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 36, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 36, 145);  
box-shadow:4px 4px 4px 4px rgb(189, 36,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7280, 14.1249, 28.1057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 36, 145) }
```

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

```
.background{ background-color: rgb(189, 36,  
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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