

Converting Colors

XYZ(26.9035, 13.1578, 30.8531)

Have a look what the booklet for
XYZ(26.9035, 13.1578, 30.8531)
contains.

XYZ(26.9027, 13.2141, 30.8384)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.9027, 13.2141,
30.8384)**

Conversions

Conversions Part 1

Format	Color
Hex	BE0098
RGB	190, 0, 152
RGB Percent	75%, 0%, 60%
CMY	0.2549, 0.9999, 0.4039
CMYK	0.00, 1.00, 0.20, 0.25
HSL	312°, 100%, 37%
HSV	312°, 100%, 75%
XYZ	26.9027, 13.2141, 30.8384
YIQ	74.1380, 64.4480, 87.5520

Conversions

Conversions Part 2

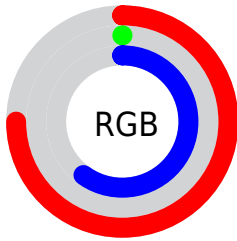
Format	Color
R_{YB}	190, 0, 152
Decimal	12451992
CIE _{Lab}	43.08, 73.62, -29.47
CIE _{LCh}	43, 79.297, 338.180
Yxy	13.2141, 0.3792, 0.1862
Android (android.graphics.Color)	4290642072 (0xFFBE0098)
YUV	74.1380, 38.3860, 101.6110
Hunter-Lab	36.3512, 68.4892, -24.8526

Details

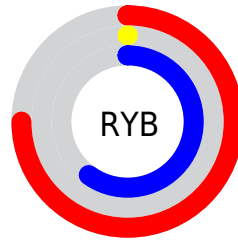
The XYZ color **26.9027, 13.2141, 30.8384** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **18.7642, 36.9675, 7.9824**, and the grayscale version is **6.4620, 6.7985, 7.4036**.

A 20% lighter version of the original color is **54.0950, 31.6454, 62.2885**, and **11.8647, 5.8451, 12.8148** is the 20% darker color. If you saturate the color by 10%, you get **26.9025, 13.2141, 30.8363**, and if you desaturate by 10%, it is **27.4526, 13.8074, 32.5823**.

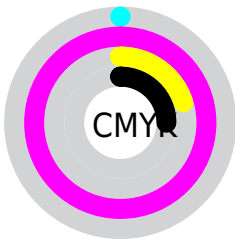
Distribution



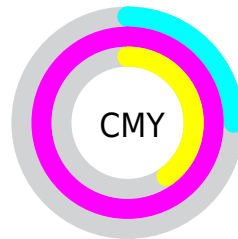
- Red (75%)
- Green (0%)
- Blue (60%)



- Red (75%)
- Yellow (0%)
- Blue (60%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9027, 13.2141, 30.8384 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 26.9027, 13.2141, 30.8384 by changing the saturation by 10% instead.

 26.9027, 13.2141,
30.8384


 26.9027, 13.2141,
30.8384


279.3618,
212.2853, 320.1212


 17.6364, 7.5761,
20.2184


 54.1487, 31.6879,
62.0622


 10.7873, 3.8250,
12.3682


 72.8590, 45.2925,
83.5030


 5.9903, 1.5761,
6.8694


 95.4481, 62.3215,
109.3878

 2.8798, 0.3414,
3.3034

 122.2813, 83.1592,
140.1352

 1.0905, 0.0000,
1.2515

 153.7239,
108.1900, 176.1637

 0.0171, 0.0000,
0.0216

 190.1413,

 0.0000, 0.0000,

137.7984, 217.8919

0.0000

231.8988,
172.3687, 265.7382

■ 26.9027, 13.2141,
30.8384

■ 26.9027, 13.2141,
30.8384

■ 26.9025, 13.2141,
30.8363

■ 27.4526, 13.8074,
32.5823

■ 28.2396, 14.8592,
34.4549

■ 29.3467, 16.5348,
36.4842

■ 30.8154, 18.9172,
38.6847

■ 32.6809, 22.0767,
41.0683

■ 34.9742, 26.0751,
43.6460

■ 37.7231, 30.9681,
46.4274

■ 40.9532, 36.8063,
49.4214

■ 44.6880, 43.6368,
52.6363

Harmonies

Analogous

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



21.2969, 13.2141, 60.2570



26.9027, 13.2141, 30.8384



28.1189, 13.2141, 10.1172

Triad

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



26.9027, 13.2141, 30.8384



10.9632, 13.2141, 0.0000



5.4105, 13.2141, 46.7532

Complementary

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



26.9027, 13.2141, 30.8384



18.7642, 36.9675, 7.9824

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.



4.1583, 13.2141, 19.7176



26.9027, 13.2141, 30.8384



6.6139, 13.2141, 0.8354

Square

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



26.9027, 13.2141, 30.8384



17.4444, 13.2141, 0.0466



4.5131, 13.2141, 5.1641



8.6841, 13.2141, 73.5512

Rectangle

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



26.9027, 13.2141, 30.8384



25.9989, 13.2141, 3.6389



4.5131, 13.2141, 5.1641



4.7969, 13.2141, 36.8026

Sweetspot

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



26.9032, 13.2148, 30.8386



68.0903, 55.6357, 83.8720



10.0947, 4.1307, 48.9808



14.4661, 11.3487, 17.9365



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.



26.9032, 13.2148, 30.8386



48.6597, 23.9092, 55.3996



21.9746, 11.2434, 4.8853



9.8459, 9.6627, 11.5777



17.9169, 8.7979, 20.6538



0.7230, 0.3531, 0.9206

Inverse Universe

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



26.9032, 13.2148, 30.8386



48.6597, 23.9092, 55.3996



22.6481, 38.5210, 28.4349



9.8459, 9.6627, 11.5777



17.9169, 8.7979, 20.6538



0.7230, 0.3531, 0.9206

Previews

White Background



This preview shows how the XYZ color 26.9027, 13.2141, 30.8384 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 26.9027, 13.2141, 30.8384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

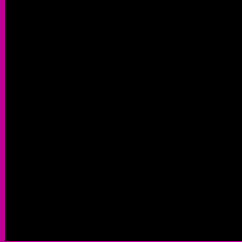
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.9027, 13.2141, 30.8384

Background



This preview shows how black text looks on a background with the XYZ color 26.9027, 13.2141, 30.8384.



This preview shows how white text looks on a background with the XYZ color 26.9027, 13.2141,

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

26.9027, 13.2141, 30.8384

Protanopia

16.6948, 13.9694, 65.4348

Deuteranopia

14.1464, 13.9288, 27.5341



Tritanopia

22.0415, 13.6579, 6.1771

Trichromacy



Original Color

26.9027, 13.2141, 30.8384



Protanomaly

13.6916, 8.6936, 50.2466



Deuteranomaly

16.0386, 10.5609, 28.3873



Tritanomaly

23.0084, 12.6516, 12.0558

Monochromacy



Original Color

26.9027, 13.2141, 30.8384



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

10.6172, 6.7053, 13.3050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9027, 13.2141, 30.8384 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(190, 0, 152)` looks like.

```
.text, #text, p{  
    color:rgb(190, 0, 152)  
}
```

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(190, 0, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 0, 152) }
```

Border

The CSS property to change the border of an element to XYZ 26.9027, 13.2141, 30.8384 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(190, 0, 152) }
```


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

```
.border{ border-color:rgb(190, 0, 152) }
```

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

Here you see how a box with a 4 pixel rgb(190, 0, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 0, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 0, 152);  
box-shadow:4px 4px 4px 4px rgb(190, 0,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9027, 13.2141, 30.8384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 0, 152) }
```

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

```
.background{ background-color: rgb(190, 0,  
152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor