

Converting Colors

XYZ(26.0336, 12.6161, 37.5739)

Have a look what the booklet for
XYZ(26.0336, 12.6161, 37.5739)
contains.

XYZ(26.0311, 12.6138, 37.6219)	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(26.0311, 12.6138,
37.6219)**

Conversions

Conversions Part 1

Format	Color
Hex	B500A7
RGB	181, 0, 167
RGB Percent	71%, 0%, 65%
CMY	0.2902, 0.9999, 0.3451
CMYK	0.00, 1.00, 0.08, 0.29
HSL	305°, 100%, 35%
HSV	305°, 100%, 71%
XYZ	26.0311, 12.6138, 37.6219
YIQ	73.1570, 54.2690, 90.3090

Conversions

Conversions Part 2

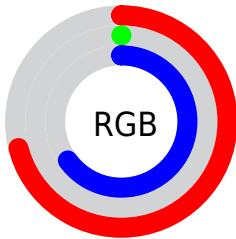
Format	Color
RYB	181, 0, 167
Decimal	11862183
CIELab	42.18, 73.95, -40.04
CIELCh	42, 84.092, 331.566
Yxy	12.6138, 0.3413, 0.1654
Android (android.graphics.Color)	4290052263 (0xFFB500A7)
YUV	73.1570, 46.2646, 94.5783
Hunter-Lab	35.5159, 68.6773, -37.9446

Details

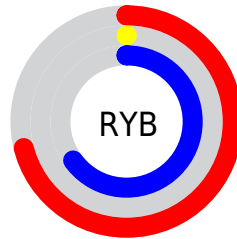
The XYZ color **26.0311, 12.6138, 37.6219** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **16.6038, 33.0800, 5.9263**, and the grayscale version is **6.2779, 6.6048, 7.1926**.

A 20% lighter version of the original color is **52.9227, 30.6841, 72.9453**, and **11.2056, 5.4259, 16.3763** is the 20% darker color. If you saturate the color by 10%, you get **26.0311, 12.6138, 37.6211**, and if you desaturate by 10%, it is **26.3798, 13.1026, 38.3804**.

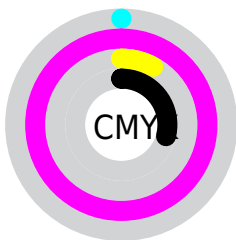
Distribution



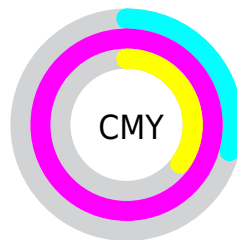
- Red (71%)
- Green (0%)
- Blue (65%)



- Red (71%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (29%)





- Cyan (29%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0311, 12.6138, 37.6219 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 26.0311, 12.6138, 37.6219 by changing the saturation by 10% instead.


 26.0311, 12.6138,
37.6219


 26.0311, 12.6138,
37.6219


275.1886,
208.4275, 351.2447


 16.9797, 7.1632,
25.3898


 52.7561, 30.6082,
72.7252


 10.3152, 3.5643,
16.1461

 71.1603, 43.9207,
96.4335


 5.6723, 1.4330,
9.4721


 93.4130, 60.6227,
124.8043

 2.6856, 0.2408,
4.9494

 119.8793, 81.0984,
158.2562

 0.9898, 0.0000,
2.1594

 150.9246,
105.7324, 197.2076

 0.0000, 0.0000,
0.6508

 186.9144,

 0.0000, 0.0000,

134.9090, 242.0771

0.0000

228.2140,
169.0126, 293.2833

■ 26.0311, 12.6138,
37.6219

■ 26.0311, 12.6138,
37.6219

■ 26.0311, 12.6138,
37.6211

■ 26.3798, 13.1026,
38.3804

■ 26.9308, 13.9940,
39.2132

■ 27.7604, 15.4405,
40.1458

■ 28.9055, 17.5154,
41.1905

■ 30.3970, 20.2811,
42.3577

■ 32.2624, 23.7922,
43.6566

■ 34.5262, 28.0981,
45.0953

■ 37.2112, 33.2437,
46.6815

■ 40.3379, 39.2708,
48.4220

Harmonies

Analogous

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



19.4764, 12.6138, 69.1982



26.0311, 12.6138, 37.6219



28.5399, 12.6138, 12.8117

Triad

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



26.0311, 12.6138, 37.6219



11.6624, 12.6138, 0.0000



4.3688, 12.6138, 40.9146

Complementary

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



26.0311, 12.6138, 37.6219



16.6038, 33.0800, 5.9263

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.



3.5221, 12.6138, 14.7001



26.0311, 12.6138, 37.6219



6.7185, 12.6138, 0.0746

Square

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



26.0311, 12.6138, 37.6219



18.6981, 12.6138, 0.0000



4.2028, 12.6138, 2.9786



7.1141, 12.6138, 72.0099

Rectangle

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



26.0311, 12.6138, 37.6219



27.0685, 12.6138, 4.5479



4.2028, 12.6138, 2.9786



3.9064, 12.6138, 30.7465

Sweetspot

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



26.0316, 12.6144, 37.6221



61.6084, 49.8897, 80.6250



8.4937, 3.4156, 43.9281



12.9366, 10.0603, 17.1895



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.0316, 12.6144, 37.6221



46.5821, 22.5754, 67.1742



20.4478, 10.3809, 8.2181



8.8211, 8.6352, 10.5563



17.9568, 8.7003, 25.9961



0.5733, 0.2771, 0.8619

Inverse Universe

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



26.0316, 12.6144, 37.6221



46.5821, 22.5754, 67.1742



18.9514, 34.0191, 18.2886



8.8211, 8.6352, 10.5563



17.9568, 8.7003, 25.9961



0.5733, 0.2771, 0.8619

Previews

White Background



This preview shows how the XYZ color 26.0311, 12.6138, 37.6219 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

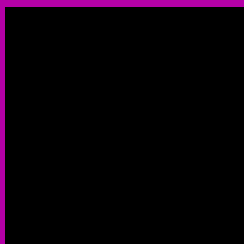
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.0311, 12.6138, 37.6219

Background



This preview shows how black text looks on a background with the XYZ color 26.0311, 12.6138, 37.6219.



This preview shows how white text looks on a background with the XYZ color 26.0311, 12.6138,

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

26.0311, 12.6138, 37.6219

Protanopia

15.7528, 13.2894, 61.4094

Deuteranopia

13.6612, 13.3929, 33.7634



Tritanopia

19.8483, 12.9966, 7.2568

Trichromacy



Original Color

26.0311, 12.6138, 37.6219



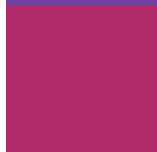
Protanomaly

13.5950, 8.4538, 51.3673



Deuteranomaly

15.1334, 9.8645, 34.8246



Tritanomaly

21.0570, 11.7898, 14.5304

Monochromacy



Original Color

26.0311, 12.6138, 37.6219



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.3129, 6.4603, 14.6133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0311, 12.6138, 37.6219 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(181, 0, 167)` looks like.

```
.text, #text, p{  
    color:rgb(181, 0, 167)  
}
```

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(181, 0, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 0, 167) }
```

Border

The CSS property to change the border of an element to XYZ 26.0311, 12.6138, 37.6219 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(181, 0, 167) }
```


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

```
.border{ border-color:rgb(181, 0, 167) }
```

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

Here you see how a box with a 4 pixel rgb(181, 0, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 0, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 0, 167);  
box-shadow:4px 4px 4px 4px rgb(181, 0,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0311, 12.6138, 37.6219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 0, 167) }
```

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

```
.background{ background-color: rgb(181, 0,  
167) }
```

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