

Converting Colors

XYZ(26.1661, 12.8057, 32.1030)

Have a look what the booklet for
XYZ(26.1661, 12.8057, 32.1030)
contains.

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Color

**XYZ(26.1661, 12.8057,
32.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	BA009B
RGB	186, 0, 155
RGB Percent	73%, 0%, 61%
CMY	0.2706, 0.9999, 0.3922
CMYK	0.00, 1.00, 0.17, 0.27
HSL	310°, 100%, 36%
HSV	310°, 100%, 73%
XYZ	26.1661, 12.8057, 32.1030
YIQ	73.2840, 61.1010, 87.6370

Conversions

Conversions Part 2

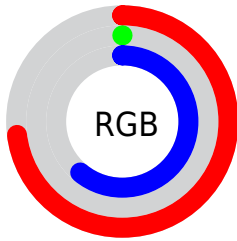
Format	Color
RYB	186, 0, 155
Decimal	12189851
CIELab	42.47, 73.24, -32.31
CIELCh	42, 80.051, 336.199
Yxy	12.8057, 0.3681, 0.1802
Android (android.graphics.Color)	4290379931 (0xFFBA009B)
YUV	73.2840, 40.2860, 98.8519
Hunter-Lab	35.7851, 67.8957, -28.1399

Details

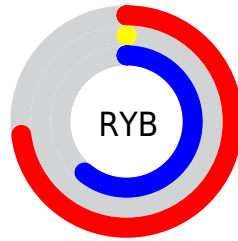
The XYZ color **26.1661, 12.8057, 32.1030** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **17.8071, 35.2173, 7.1574**, and the grayscale version is **6.3096, 6.6382, 7.2290**.

A 20% lighter version of the original color is **52.9667, 30.9016, 64.1457**, and **11.3503, 5.5685, 13.3086** is the 20% darker color. If you saturate the color by 10%, you get **26.1658, 12.8056, 32.1010**, and if you desaturate by 10%, it is **26.6567, 13.3645, 33.5679**.

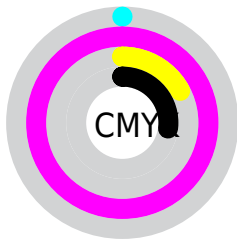
Distribution



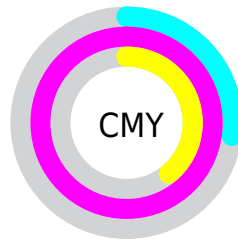
- Red (73%)
- Green (0%)
- Blue (61%)



- Red (73%)
- Yellow (0%)
- Blue (61%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (27%)





- Cyan (27%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1661, 12.8057, 32.1030 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 26.1661, 12.8057, 32.1030 by changing the saturation by 10% instead.

 26.1661, 12.8057,
32.1030


 26.1661, 12.8057,
32.1030


275.8383,
209.6686, 326.0954


 17.0813, 7.2949,
21.1747


 52.9722, 30.9543,
64.0723


 10.3881, 3.6472,
13.0593


 71.4241, 44.3608,
85.9504


 5.7213, 1.4782,
7.3382


 93.7292, 61.1681,
112.3155

 2.7154, 0.2733,
3.5928

 120.2527, 81.7604,
143.5862

 1.0051, 0.0000,
1.4047

 151.3600,
106.5223, 180.1810

 0.0000, 0.0000,
0.1454

 187.4165,

 0.0000, 0.0000,

135.8380, 222.5184

0.0000

228.7874,
170.0920, 271.0170

■ 26.1661, 12.8057,
32.1030

■ 26.1661, 12.8057,
32.1030

■ 26.1658, 12.8056,
32.1010

■ 26.6567, 13.3645,
33.5679

■ 27.3693, 14.3569,
35.1400

■ 28.3839, 15.9422,
36.8462

■ 29.7397, 18.1991,
38.6998

■ 31.4701, 21.1943,
40.7123

■ 33.6045, 24.9864,
42.8936

■ 36.1693, 29.6280,
45.2528

■ 39.1885, 35.1674,
47.7981

■ 42.6846, 41.6491,
50.5372

Harmonies

Analogous

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



20.3866, 12.8057, 61.5940



26.1661, 12.8057, 32.1030



27.7262, 12.8057, 10.6553

Triad

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



26.1661, 12.8057, 32.1030



10.9615, 12.8057, 0.0000



5.0060, 12.8057, 44.1990

Complementary

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



26.1661, 12.8057, 32.1030



17.8071, 35.2173, 7.1574

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.



3.8988, 12.8057, 17.8463



26.1661, 12.8057, 32.1030



6.5262, 12.8057, 0.6029

Square

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



26.1661, 12.8057, 32.1030



17.4777, 12.8057, 0.0000



4.3448, 12.8057, 4.3752



8.0651, 12.8057, 71.7637

Rectangle

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



26.1661, 12.8057, 32.1030



25.8259, 12.8057, 3.8189



4.3448, 12.8057, 4.3752



4.4489, 12.8057, 34.3499

Sweetspot

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



26.1666, 12.8064, 32.1032



65.3010, 53.2327, 81.7960



9.4291, 3.8375, 46.6984



13.9288, 10.9026, 17.6065



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.



26.1666, 12.8064, 32.1032



47.3489, 23.1796, 57.7741



21.1202, 10.7878, 5.5293



9.3149, 9.1363, 11.0057



17.6272, 8.6247, 21.7216



0.6387, 0.3110, 0.8568

Inverse Universe

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



26.1666, 12.8064, 32.1032



47.3489, 23.1796, 57.7741



21.1981, 36.5737, 25.0142



9.3149, 9.1363, 11.0057



17.6272, 8.6247, 21.7216



0.6387, 0.3110, 0.8568

Previews

White Background



This preview shows how the XYZ color 26.1661, 12.8057, 32.1030 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

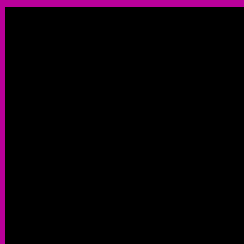
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.1661, 12.8057, 32.1030

Background



This preview shows how black text looks on a background with the XYZ color 26.1661, 12.8057, 32.1030.



This preview shows how white text looks on a background with the XYZ color 26.1661, 12.8057,

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

26.1661, 12.8057, 32.1030

Protanopia

16.0947, 13.5768, 62.7451

Deuteranopia

13.7927, 13.5733, 28.6810



Tritanopia

20.9543, 13.1726, 6.2886

Trichromacy



Original Color

26.1661, 12.8057, 32.1030



Protanomaly

13.4557, 8.5017, 49.6470



Deuteranomaly

15.4835, 10.1615, 29.5791



Tritanomaly

21.9392, 12.1379, 12.4958

Monochromacy



Original Color

26.1661, 12.8057, 32.1030



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.3646, 6.5107, 13.5424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1661, 12.8057, 32.1030 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(186, 0, 155)` looks like.

```
.text, #text, p{  
    color:rgb(186, 0, 155)  
}
```

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(186, 0, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 155) }
```

Border

The CSS property to change the border of an element to XYZ 26.1661, 12.8057, 32.1030 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(186, 0, 155) }
```


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

```
.border{ border-color:rgb(186, 0, 155) }
```

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

Here you see how a box with a 4 pixel rgb(186, 0, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 155);  
box-shadow:4px 4px 4px 4px rgb(186, 0,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1661, 12.8057, 32.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 155) }
```

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

```
.background{ background-color: rgb(186, 0,  
155) }
```

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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