

Converting Colors

XYZ(25.9921, 12.9897, 30.6339)

Have a look what the booklet for
XYZ(25.9921, 12.9897, 30.6339)
contains.

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Color

**XYZ(26.0742, 13.0202,
30.8446)**

Conversions

Conversions Part 1

Format	Color
Hex	BA0E98
RGB	186, 14, 152
RGB Percent	73%, 5%, 60%
CMY	0.2706, 0.9450, 0.4039
CMYK	0.00, 0.92, 0.18, 0.27
HSL	312°, 86%, 39%
HSV	312°, 92%, 73%
XYZ	26.0742, 13.0202, 30.8446
YIQ	81.1600, 58.2140, 79.3820

Conversions

Conversions Part 2

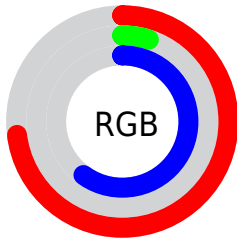
Format	Color
R_{YB}	186, 14, 152
Decimal	12193432
CIE _{Lab}	42.79, 71.46, -29.98
CIE _{LCh}	43, 77.498, 337.239
Yxy	13.0202, 0.3728, 0.1862
Android (android.graphics.Color)	4290383512 (0xFFBA0E98)
YUV	81.1600, 34.9241, 91.9447
Hunter-Lab	36.0835, 65.8392, -25.4233

Details

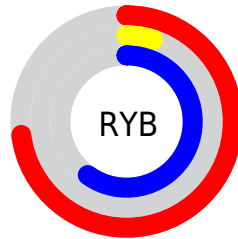
The XYZ color **26.0742, 13.0202, 30.8446** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **18.2745, 35.4251, 8.6735**, and the grayscale version is **7.7804, 8.1856, 8.9141**.

A 20% lighter version of the original color is **52.9247, 31.4102, 62.3048**, and **11.2511, 5.5288, 12.7861** is the 20% darker color. If you saturate the color by 10%, you get **25.6928, 12.6163, 29.6102**, and if you desaturate by 10%, it is **26.7567, 13.8955, 32.5813**.

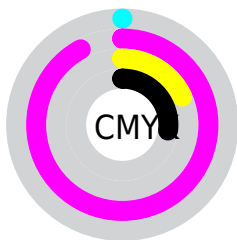
Distribution



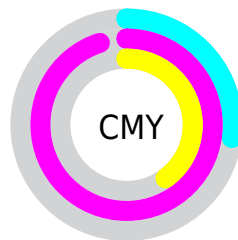
- Red (73%)
- Green (5%)
- Blue (60%)



- Red (73%)
- Yellow (5%)
- Blue (60%)



- Cyan (0%)
- Magenta (92%)
- Yellow (18%)
- Black (27%)




- Cyan (27%)
- Magenta (95%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0742, 13.0202, 30.8446 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 26.0742, 13.0202, 30.8446 by changing the saturation by 10% instead.


 26.0742, 13.0202,
30.8446


 26.0742, 13.0202,
30.8446


275.3962,
211.0471, 320.1507


 17.0121, 7.4425,
20.2231


 52.8251, 31.3401,
62.0720


 10.3385, 3.7403,
12.3716


 71.2446, 44.8510,
83.5150


 5.6879, 1.5294,
6.8717


 93.5140, 61.7751,
109.4022

 2.6951, 0.3093,
3.3048

 119.9985, 82.4968,
140.1522

 0.9947, 0.0000,
1.2523

 151.0637,
107.4004, 176.1835

 0.0000, 0.0000,
0.0222

 187.0748,

 0.0000, 0.0000,

136.8704, 217.9147

0.0000

228.3972,
171.2912, 265.7643

■ 26.0742, 13.0202,
30.8446

■ 26.0742, 13.0202,
30.8446

■ 25.6928, 12.6163,
29.6102

■ 26.7567, 13.8955,
32.5813

■ 27.7323, 15.3420,
34.4622

■ 29.0427, 17.4430,
36.5015

■ 30.7226, 20.2677,
38.7113

■ 32.8023, 23.8765,
41.1020

■ 35.3089, 28.3234,
43.6830

■ 38.2670, 33.6576,
46.4630

■ 41.6993, 39.9246,
49.4499

■ 45.6271, 47.1666,
52.6512

Harmonies

Analogous

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



20.5954, 13.0202, 59.0148



26.0742, 13.0202, 30.8446



27.4005, 13.0202, 10.4618

Triad

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



26.0742, 13.0202, 30.8446



10.9992, 13.0202, 0.0000



5.3586, 13.0202, 44.3594

Complementary

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



26.0742, 13.0202, 30.8446



18.2745, 35.4251, 8.6735

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.



4.1837, 13.0202, 18.6810



26.0742, 13.0202, 30.8446



6.6980, 13.0202, 0.8449

Square

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



26.0742, 13.0202, 30.8446



17.3081, 13.0202, 0.1622



4.5808, 13.0202, 4.9510



8.4820, 13.0202, 70.2641

Rectangle

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



26.0742, 13.0202, 30.8446



25.4630, 13.0202, 3.8948



4.5808, 13.0202, 4.9510



4.7768, 13.0202, 34.8737

Sweetspot

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



26.0747, 13.0209, 30.8448



66.0416, 55.0044, 81.1477



10.1270, 4.4304, 46.7760



14.0563, 11.2385, 17.3995



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.



26.0747, 13.0209, 30.8448



46.4815, 22.8326, 53.2064



21.4653, 11.1771, 6.5725



9.3028, 9.1315, 10.9418



17.3121, 8.4986, 20.0622



0.6300, 0.3075, 0.8110

Inverse Universe

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



26.0747, 13.0209, 30.8448



46.4815, 22.8326, 53.2064



21.8740, 36.8649, 27.6283



9.3028, 9.1315, 10.9418



17.3121, 8.4986, 20.0622



0.6300, 0.3075, 0.8110

Previews

White Background



This preview shows how the XYZ color 26.0742, 13.0202, 30.8446 looks on a white background.

Color Contrast Check

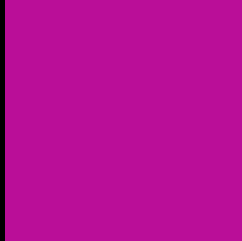
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0742, 13.0202, 30.8446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

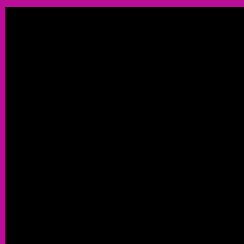
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.0742, 13.0202, 30.8446

Background



This preview shows how black text looks on a background with the XYZ color 26.0742, 13.0202, 30.8446.



This preview shows how white text looks on a background with the XYZ color 26.0742, 13.0202,

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

26.0742, 13.0202, 30.8446

Protanopia

16.2197, 13.6268, 63.4034

Deuteranopia

13.7314, 13.4144, 27.8521



Tritanopia

21.1846, 13.2914, 6.2994

Trichromacy



Original Color

26.0742, 13.0202, 30.8446



Protanomaly

13.7453, 9.0809, 49.7435



Deuteranomaly

15.6286, 10.6167, 28.4196



Tritanomaly

22.3034, 12.5910, 12.3211

Monochromacy



Original Color

26.0742, 13.0202, 30.8446



Achromatopsia

7.8210, 8.2283, 8.9606



Achromatomaly

11.7247, 7.9097, 14.8187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0742, 13.0202, 30.8446 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, 14, 152)` looks like.

```
.text, #text, p{  
    color:rgb(186, 14, 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(186, 14, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 14, 152) }
```

Border

The CSS property to change the border of an element to XYZ 26.0742, 13.0202, 30.8446 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, 14, 152) }
```


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

```
.border{ border-color:rgb(186, 14, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 14, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 14, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 14, 152);  
box-shadow:4px 4px 4px 4px rgb(186, 14,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0742, 13.0202, 30.8446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 14, 152) }
```

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

```
.background{ background-color: rgb(186, 14,  
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](#).

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