

Converting Colors

XYZ(26.1328, 14.6495, 22.6689)

Have a look what the booklet for
XYZ(26.1328, 14.6495, 22.6689)
contains.

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Color

**XYZ(26.1138, 14.6271,
22.5661)**

Conversions

Conversions Part 1

Format	Color
Hex	BD3182
RGB	189, 49, 130
RGB Percent	74%, 19%, 51%
CMY	0.2588, 0.8078, 0.4902
CMYK	0.00, 0.74, 0.31, 0.26
HSL	325°, 59%, 47%
HSV	325°, 74%, 74%
XYZ	26.1138, 14.6271, 22.5661
YIQ	100.0940, 57.4390, 54.8710

Conversions

Conversions Part 2

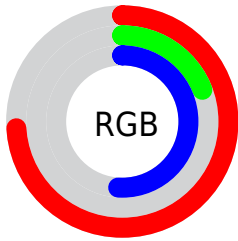
Format	Color
R_{YB}	189, 49, 130
Decimal	12398978
CIE _{Lab}	45.12, 61.60, -12.98
CIE _{LCh}	45, 62.956, 348.102
Yxy	14.6271, 0.4125, 0.2311
Android (android.graphics.Color)	4290589058 (0xFFBD3182)
YUV	100.0940, 14.7437, 77.9706
Hunter-Lab	38.2454, 54.9496, -8.2114

Details

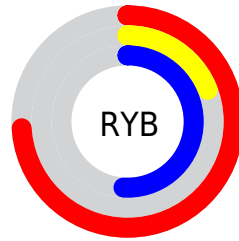
The XYZ color **26.1138, 14.6271, 22.5661** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **22.1718, 38.1313, 20.3811**, and the grayscale version is **12.0913, 12.7210, 13.8532**.

A 20% lighter version of the original color is **52.9767, 34.2838, 48.6250**, and **10.8453, 5.4194, 8.2590** is the 20% darker color. If you saturate the color by 10%, you get **24.9683, 13.1589, 19.6477**, and if you desaturate by 10%, it is **27.6328, 16.7760, 25.8135**.

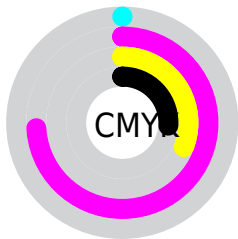
Distribution



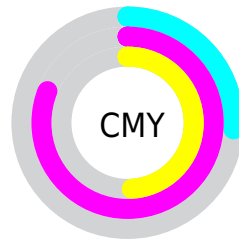
- Red (74%)
- Green (19%)
- Blue (51%)



- Red (74%)
- Yellow (19%)
- Blue (51%)



- Cyan (0%)
- Magenta (74%)
- Yellow (31%)
- Black (26%)





- Cyan (26%)
- Magenta (81%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1138, 14.6271, 22.5661 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 26.1138, 14.6271, 22.5661 by changing the saturation by 10% instead.


 26.1138, 14.6271,
22.5661


 26.1138, 14.6271,
22.5661


275.5867,
221.0979, 278.5378


 17.0419, 8.5581,
14.0712


 52.8885, 34.1977,
48.5940


 10.3599, 4.4541,
8.0309


 71.3220, 48.4680,
66.9641


 5.7023, 1.9307,
4.0266

 93.6067, 66.2409,
89.4629

 2.7038, 0.5667,
1.6400

 120.1081, 87.9008,
116.5091

 0.9992, 0.0000,
0.3191

 151.1914,
113.8321, 148.5211

 0.0000, 0.0000,
0.0000

 187.2221,

144.4191, 185.9175

228.5654,
180.0462, 229.1169

■ 26.1138, 14.6271,
22.5661

■ 26.1138, 14.6271,
22.5661

■ 24.9683, 13.1589,
19.6477

■ 27.6328, 16.7760,
25.8135

■ 24.1496, 12.2795,
17.0377

■ 29.5620, 19.6774,
29.4062

■ 23.7652, 11.9304,
15.6160

■ 31.9345, 23.3966,
33.3596

■ 34.7798, 27.9909,
37.6879

■ 38.1247, 33.5126,
42.4039

■ 41.9938, 40.0097,
47.5199

■ 46.4102, 47.5271,
53.0474

■ 51.3955, 56.1067,
58.9973

■ 56.9700, 65.7881,
65.3802

Harmonies

Analogous

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



22.7192, 14.6271, 43.6053



26.1138, 14.6271, 22.5661



25.6911, 14.6271, 8.6018

Triad

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



26.1138, 14.6271, 22.5661



11.0300, 14.6271, 1.2853



8.2523, 14.6271, 48.0219

Complementary

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



26.1138, 14.6271, 22.5661



22.1718, 38.1313, 20.3811

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.



6.4179, 14.6271, 26.5437



26.1138, 14.6271, 22.5661



7.7252, 14.6271, 3.4579

Square

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



26.1138, 14.6271, 22.5661



16.0604, 14.6271, 1.1417



6.2526, 14.6271, 10.7365



11.9473, 14.6271, 63.3682

Rectangle

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



26.1138, 14.6271, 22.5661



23.3131, 14.6271, 4.0080



6.2526, 14.6271, 10.7365



7.4419, 14.6271, 40.8316

Sweetspot

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



26.1142, 14.6279, 22.5664



69.4036, 61.8931, 77.4678



16.3881, 9.0183, 49.0211



14.5474, 12.6806, 16.1454



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.



26.1142, 14.6279, 22.5664



43.7247, 22.4563, 32.1573



22.9185, 13.3496, 5.7378



9.7553, 9.6264, 11.1004



16.0288, 8.0427, 10.7114



0.6599, 0.3278, 0.5881

Inverse Universe

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



26.1142, 14.6279, 22.5664



43.7247, 22.4563, 32.1573



27.4338, 40.2360, 48.0902



9.7553, 9.6264, 11.1004



16.0288, 8.0427, 10.7114



0.6599, 0.3278, 0.5881

Previews

White Background



This preview shows how the XYZ color 26.1138, 14.6271, 22.5661 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 26.1138, 14.6271, 22.5661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

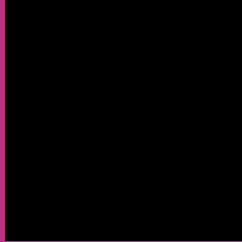
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.1138, 14.6271, 22.5661

Background



This preview shows how black text looks on a background with the XYZ color 26.1138, 14.6271, 22.5661.



This preview shows how white text looks on a background with the XYZ color 26.1138, 14.6271,

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

26.1138, 14.6271, 22.5661

Protanopia

15.9770, 15.0493, 40.0929

Deuteranopia

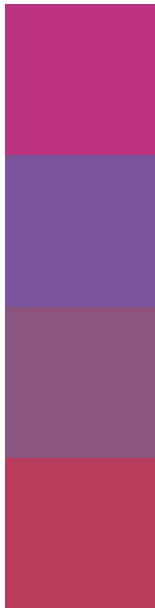
15.1823, 14.9127, 20.8171



Tritanopia

23.0613, 14.6529, 7.4072

Trichromacy



Original Color

26.1138, 14.6271, 22.5661

Protanomaly

17.1909, 13.0011, 32.6138

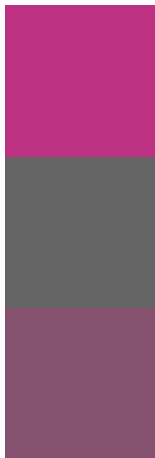
Deuteranomaly

17.6619, 13.4923, 21.4121

Tritanomaly

23.7973, 14.4435, 11.6588

Monochromacy



Original Color

26.1138, 14.6271, 22.5661

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

15.3274, 11.9381, 16.5354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1138, 14.6271, 22.5661 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, 49, 130)` looks like.

```
.text, #text, p{  
    color:rgb(189, 49, 130)  
}
```

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, 49, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 49, 130) }
```

Border

The CSS property to change the border of an element to XYZ 26.1138, 14.6271, 22.5661 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, 49, 130) }
```


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

```
.border{ border-color:rgb(189, 49, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 49, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 49, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 49, 130);  
box-shadow:4px 4px 4px 4px rgb(189, 49,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1138, 14.6271, 22.5661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 49, 130) }
```

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

```
.background{ background-color: rgb(189, 49,  
130) }
```

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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