

Converting Colors

XYZ(26.0562, 13.8245, 25.7027)

Have a look what the booklet for
XYZ(26.0562, 13.8245, 25.7027)
contains.

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Color

**XYZ(26.0301, 13.8172,
25.7211)**

Conversions

Conversions Part 1

Format	Color
Hex	BC248B
RGB	188, 36, 139
RGB Percent	74%, 14%, 55%
CMY	0.2627, 0.8588, 0.4549
CMYK	0.00, 0.81, 0.26, 0.26
HSL	319°, 68%, 44%
HSV	319°, 81%, 74%
XYZ	26.0301, 13.8172, 25.7211
YIQ	93.1900, 57.5290, 64.2570

Conversions

Conversions Part 2

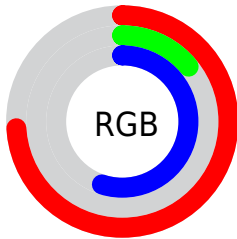
Format	Color
R_{YB}	188, 36, 139
Decimal	12330123
CIE _{Lab}	43.97, 66.21, -20.24
CIE _{LCh}	44, 69.235, 343.003
Yxy	13.8172, 0.3970, 0.2107
Android (android.graphics.Color)	4290520203 (0xFFBC248B)
YUV	93.1900, 22.5843, 83.1484
Hunter-Lab	37.1715, 59.9482, -15.0061

Details

The XYZ color **26.0301, 13.8172, 25.7211** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **20.3514, 36.9979, 14.6654**, and the grayscale version is **10.3896, 10.9307, 11.9035**.

A 20% lighter version of the original color is **52.7989, 32.7304, 53.9869**, and **11.0091, 5.4671, 9.9262** is the 20% darker color. If you saturate the color by 10%, you get **25.1723, 12.7907, 23.3104**, and if you desaturate by 10%, it is **27.2119, 15.4521, 28.3611**.

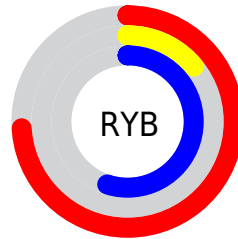
Distribution



Red (74%)

Green (14%)

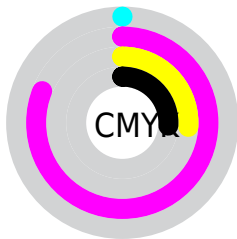
Blue (55%)



Red (74%)

Yellow (14%)

Blue (55%)

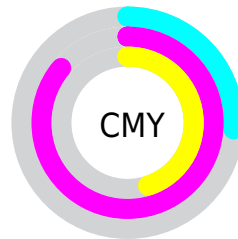


Cyan (0%)

Magenta (81%)

Yellow (26%)

Black (26%)



Cyan (26%)


Magenta (86%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0301, 13.8172, 25.7211 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 26.0301, 13.8172, 25.7211 by changing the saturation by 10% instead.


 26.0301, 13.8172,
25.7211

 26.0301, 13.8172,
25.7211


275.1838,
216.0906, 294.9721


 16.9790, 7.9936,
16.3912


 52.7545, 32.7643,
53.8032

 10.3147, 4.0909,
9.6441


 71.1584, 46.6567,
73.3925


 5.6720, 1.7245,
5.0611

 93.4106, 64.0074,
97.2387

 2.6854, 0.4395,
2.2238

 119.8765, 85.2009,
125.7604

 0.9897, 0.0000,
0.6880

 150.9214,
110.6216, 159.3760

 0.0000, 0.0000,
0.0000

 186.9107,

140.6539, 198.5041

228.2097,
175.6821, 243.5633

■ 26.0301, 13.8172,
25.7211

■ 26.0301, 13.8172,
25.7211

■ 25.1723, 12.7907,
23.3104

■ 27.2119, 15.4521,
28.3611

■ 24.5954, 12.2339,
21.2774

■ 28.7579, 17.7756,
31.2455

■ 30.7035, 20.8578,
34.3880

■ 33.0794, 24.7596,
37.8007

■ 35.9134, 29.5358,
41.4946

■ 39.2306, 35.2363,
45.4798

■ 43.0545, 41.9072,
49.7659

■ 47.4069, 49.5917,
54.3617

■ 52.3081, 58.3302,
59.2758

Harmonies

Analogous

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



21.7249, 13.8172, 49.7361



26.0301, 13.8172, 25.7211



26.3316, 13.8172, 9.2176

Triad

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



26.0301, 13.8172, 25.7211



10.8987, 13.8172, 0.5838



6.8285, 13.8172, 46.5037

Complementary

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



26.0301, 13.8172, 25.7211



20.3514, 36.9979, 14.6654

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.



5.3007, 13.8172, 22.9206



26.0301, 13.8172, 25.7211



7.1703, 13.8172, 1.9993

Square

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



26.0301, 13.8172, 25.7211



16.4654, 13.8172, 0.6711



5.4054, 13.8172, 7.8266



10.2833, 13.8172, 66.4043

Rectangle

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



26.0301, 13.8172, 25.7211



24.1194, 13.8172, 3.8572



5.4054, 13.8172, 7.8266



6.1220, 13.8172, 38.2397

Sweetspot

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



26.0305, 13.8179, 25.7213



68.8636, 59.9978, 79.8012



13.3772, 6.7846, 48.1816



14.3501, 12.1144, 16.6083



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.



26.0305, 13.8179, 25.7213



44.7570, 22.3723, 39.1254



22.2922, 12.3226, 6.0356



9.7955, 9.6425, 11.3123



16.7809, 8.3435, 14.6717



0.6860, 0.3383, 0.7258

Inverse Universe

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



26.0305, 13.8179, 25.7213



44.7570, 22.3723, 39.1254



25.0683, 38.8846, 39.5042



9.7955, 9.6425, 11.3123



16.7809, 8.3435, 14.6717



0.6860, 0.3383, 0.7258

Previews

White Background



This preview shows how the XYZ color 26.0301, 13.8172, 25.7211 looks on a white background.

Color Contrast Check

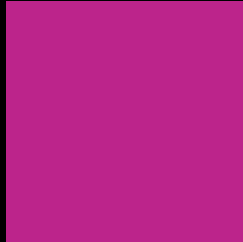
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0301, 13.8172, 25.7211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

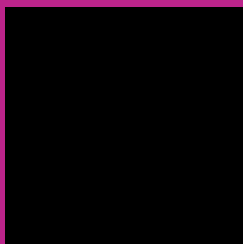
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.0301, 13.8172, 25.7211

Background



This preview shows how black text looks on a background with the XYZ color 26.0301, 13.8172, 25.7211.



This preview shows how white text looks on a background with the XYZ color 26.0301, 13.8172,

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

26.0301, 13.8172, 25.7211

Protanopia

16.0510, 14.2669, 50.0519

Deuteranopia

14.4265, 14.1640, 23.4463



Tritanopia

22.0523, 13.8934, 6.6737

Trichromacy



Original Color

26.0301, 13.8172, 25.7211

Protanomaly

16.3817, 11.6403, 39.9115

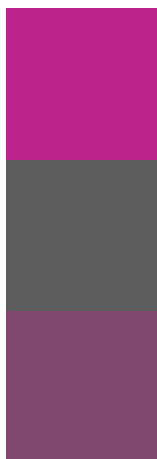
Deuteranomaly

16.7719, 12.2997, 24.0444

Tritanomaly

23.0161, 13.5269, 11.7538

Monochromacy



Original Color

26.0301, 13.8172, 25.7211

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

14.0339, 10.3497, 16.0099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0301, 13.8172, 25.7211 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(188, 36, 139)` looks like.

```
.text, #text, p{  
    color:rgb(188, 36, 139)  
}
```

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(188, 36, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 36, 139) }
```

Border

The CSS property to change the border of an element to XYZ 26.0301, 13.8172, 25.7211 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(188, 36, 139) }
```


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

```
.border{ border-color:rgb(188, 36, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 36, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 36, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 36, 139);  
box-shadow:4px 4px 4px 4px rgb(188, 36,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0301, 13.8172, 25.7211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 36, 139) }
```

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

```
.background{ background-color: rgb(188, 36,  
139) }
```

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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