

Converting Colors

XYZ(26.2535, 12.9907, 25.7832)

Have a look what the booklet for
XYZ(26.2535, 12.9907, 25.7832)
contains.

XYZ(26.2195, 12.9698, 25.9324)	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(26.2195, 12.9698,
25.9324)**

Conversions

Conversions Part 1

Format	Color
Hex	BF008C
RGB	191, 0, 140
RGB Percent	75%, 0%, 55%
CMY	0.2510, 0.9999, 0.4510
CMYK	0.00, 1.00, 0.27, 0.25
HSL	316°, 100%, 37%
HSV	316°, 100%, 75%
XYZ	26.2195, 12.9698, 25.9324
YIQ	73.0690, 68.8960, 84.0320

Conversions

Conversions Part 2

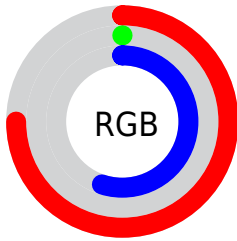
Format	Color
RYB	191, 0, 140
Decimal	12517516
CIELab	42.72, 72.39, -22.73
CIELCh	43, 75.878, 342.565
Yxy	12.9698, 0.4026, 0.1992
Android (android.graphics.Color)	4290707596 (0xFFBF008C)
YUV	73.0690, 32.9970, 103.4255
Hunter-Lab	36.0136, 66.9321, -17.4836

Details

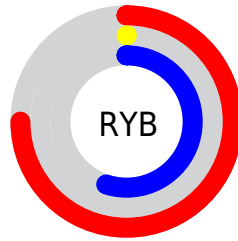
The XYZ color **26.2195, 12.9698, 25.9324** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **19.2294, 37.5013, 9.3603**, and the grayscale version is **6.2835, 6.6107, 7.1991**.

A 20% lighter version of the original color is **52.9295, 31.2207, 54.2754**, and **11.3612, 5.6437, 10.1634** is the 20% darker color. If you saturate the color by 10%, you get **26.2190, 12.9697, 25.9295**, and if you desaturate by 10%, it is **26.8397, 13.5940, 28.0382**.

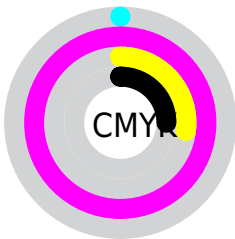
Distribution



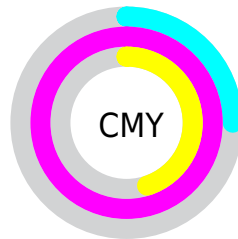
- Red (75%)
- Green (0%)
- Blue (55%)



- Red (75%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2195, 12.9698, 25.9324 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 26.2195, 12.9698, 25.9324 by changing the saturation by 10% instead.


 26.2195, 12.9698,
25.9324

 26.2195, 12.9698,
25.9324


276.0949,
210.7240, 296.0450


 17.1215, 7.4078,
16.5478


 53.0576, 31.2495,
54.1486

 10.4170, 3.7184,
9.7541


 71.5284, 44.7360,
73.8173


 5.7407, 1.5173,
5.1327


 93.8542, 61.6327,
97.7510

 2.7272, 0.3009,
2.2652

 120.4003, 82.3241,
126.3684

 1.0112, 0.0000,
0.7117

 151.5320,
107.1945, 160.0879

 0.0000, 0.0000,
0.0000

 187.6148,

136.6284, 199.3282

229.0140,
171.0101, 244.5077

■ 26.2195, 12.9698,
25.9324

■ 26.2195, 12.9698,
25.9324

■ 26.2190, 12.9697,
25.9295

■ 26.8397, 13.5940,
28.0382

■ 27.7077, 14.6858,
30.3137

■ 28.9073, 16.4120,
32.7880

■ 30.4806, 18.8568,
35.4762

■ 32.4635, 22.0915,
38.3914

■ 34.8876, 26.1787,
41.5452

■ 37.7810, 31.1748,
44.9479

■ 41.1699, 37.1312,
48.6092

■ 45.0781, 44.0957,
52.5382

Harmonies

Analogous

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



21.4510, 12.9698, 52.7940



26.2195, 12.9698, 25.9324



26.6248, 12.9698, 8.2791

Triad

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



26.2195, 12.9698, 25.9324



10.0693, 12.9698, 0.0000



5.8318, 12.9698, 48.3306

Complementary

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



26.2195, 12.9698, 25.9324



19.2294, 37.5013, 9.3603

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.



4.3634, 12.9698, 22.2174



26.2195, 12.9698, 25.9324



6.2457, 12.9698, 1.2696

Square

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



26.2195, 12.9698, 25.9324



15.9568, 12.9698, 0.0880



4.4866, 12.9698, 6.5845



9.2949, 12.9698, 71.2429

Rectangle

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



26.2195, 12.9698, 25.9324



24.2315, 12.9698, 2.9983



4.4866, 12.9698, 6.5845



5.1453, 12.9698, 39.0359

Sweetspot

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



26.2199, 12.9705, 25.9326



67.3916, 55.3562, 80.1923



10.7673, 4.4649, 49.5848



14.2936, 11.2797, 17.0281



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.2199, 12.9705, 25.9326



46.8520, 23.1861, 45.8801



21.9521, 11.2634, 3.4584



9.8182, 9.6516, 11.4318



17.2655, 8.5374, 17.2238



0.7021, 0.3447, 0.8104

Inverse Universe

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



26.2199, 12.9705, 25.9326



46.8520, 23.1861, 45.8801



23.8539, 39.3510, 33.7124



9.8182, 9.6516, 11.4318



17.2655, 8.5374, 17.2238



0.7021, 0.3447, 0.8104

Previews

White Background



This preview shows how the XYZ color 26.2195, 12.9698, 25.9324 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

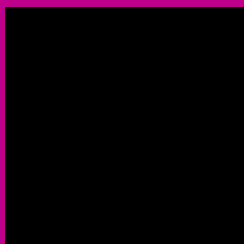
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.2195, 12.9698, 25.9324

Background



This preview shows how black text looks on a background with the XYZ color 26.2195, 12.9698, 25.9324.



This preview shows how white text looks on a background with the XYZ color 26.2195, 12.9698,

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

26.2195, 12.9698, 25.9324

Protanopia

15.9927, 13.8187, 55.8572

Deuteranopia

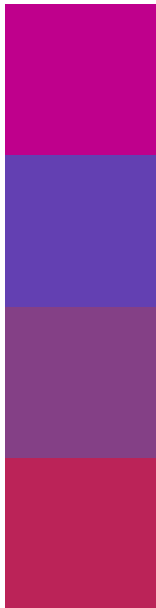
13.8960, 13.5987, 23.3651



Tritanopia

22.1375, 13.3522, 5.4134

Trichromacy



Original Color

26.2195, 12.9698, 25.9324

Protanomaly

15.0149, 9.5338, 43.1683

Deuteranomaly

15.6522, 10.2936, 23.7161

Tritanomaly

22.8560, 12.4714, 10.4351

Monochromacy



Original Color

26.2195, 12.9698, 25.9324

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

10.3371, 6.5301, 12.0249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2195, 12.9698, 25.9324 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(191, 0, 140)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 140)  
}
```

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(191, 0, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 140) }
```

Border

The CSS property to change the border of an element to XYZ 26.2195, 12.9698, 25.9324 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(191, 0, 140) }
```


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

```
.border{ border-color:rgb(191, 0, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 0, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2195, 12.9698, 25.9324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 140) }
```

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

```
.background{ background-color: rgb(191, 0,  
140) }
```

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