

Converting Colors

XYZ(29.5483, 22.9967, 26.1740)

Have a look what the booklet for
XYZ(29.5483, 22.9967, 26.1740)
contains.

XYZ(29.5483, 22.9967, 26.1740)	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(29.5483, 22.9967,
26.1740)**

Conversions

Conversions Part 1

Format	Color
Hex	B76E88
RGB	183, 110, 136
RGB Percent	72%, 43%, 53%
CMY	0.2824, 0.5686, 0.4667
CMYK	0.00, 0.40, 0.26, 0.28
HSL	339°, 34%, 57%
HSV	339°, 40%, 72%
XYZ	29.5483, 22.9967, 26.1740
YIQ	134.7910, 35.1620, 23.5620

Conversions

Conversions Part 2

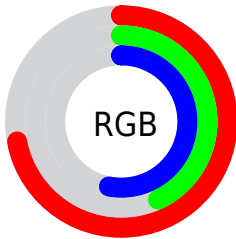
Format	Color
RYB	183, 110, 136
Decimal	12021384
CIELab	55.07, 32.38, -1.82
CIELCh	55, 32.435, 356.777
Yxy	22.9967, 0.3754, 0.2921
Android (android.graphics.Color)	4290211464 (0xFFB76E88)
YUV	134.7910, 0.5960, 42.2793
Hunter-Lab	47.9549, 26.0651, 1.2076

Details

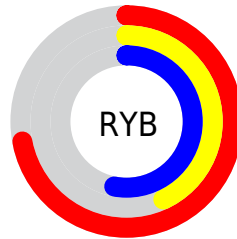
The XYZ color **29.5483, 22.9967, 26.1740** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **29.4507, 39.6169, 37.9948**, and the grayscale version is **22.9410, 24.1357, 26.2838**.

A 20% lighter version of the original color is **58.2177, 48.3938, 54.4166**, and **12.1977, 8.4928, 9.8005** is the 20% darker color. If you saturate the color by 10%, you get **26.9820, 19.1313, 21.4117**, and if you desaturate by 10%, it is **32.6157, 27.7166, 31.5580**.

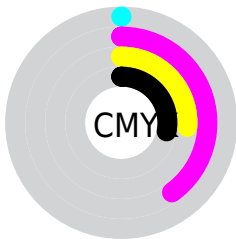
Distribution



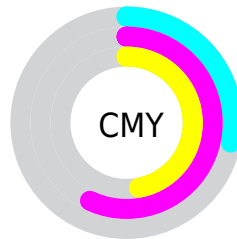
- Red (72%)
- Green (43%)
- Blue (53%)



- Red (72%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (40%)
- Yellow (26%)
- Black (28%)





- Cyan (28%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5483, 22.9967, 26.1740 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 29.5483, 22.9967, 26.1740 by changing the saturation by 10% instead.


 29.5483, 22.9967,
26.1740


 29.5483, 22.9967,
26.1740


291.7410,
267.7080, 297.2678


 19.6424, 14.5911,
16.7269


 58.3387, 48.3879,
54.5430


 12.2421, 8.5329,
9.8801

 77.9538, 66.1423,
74.3021

 6.9821, 4.4378,
5.2150


 101.5360, 87.7817,
98.3355

 3.4972, 1.9213,
2.3130

 129.4507,
113.6905, 127.0619

 1.4218, 0.5612,
0.7385

162.0631,
144.2532, 160.8998

 0.2717, 0.0000,
0.0000

199.7388,

 0.0000, 0.0000,

179.8541, 200.2677

0.0000

242.8430,
220.8775, 245.5842

■ 29.5483, 22.9967,
26.1740

■ 29.5483, 22.9967,
26.1740

■ 26.9820, 19.1313,
21.4117

■ 32.6157, 27.7166,
31.5580

■ 24.8867, 16.0653,
17.2458

■ 36.2082, 33.3350,
37.5851

■ 23.2316, 13.7424,
13.6509


■ 40.3505, 39.8969,
44.2770


■ 21.9817, 12.0974,
10.5989


■ 45.0653, 47.4433,
51.6541


■ 21.0957, 11.0535,
8.0589


■ 50.3738, 56.0127,
59.7359


 20.4937, 10.4569,
5.9856

 56.2961, 65.6416,
68.5409

 20.4876, 10.4510,
5.9646

 62.8515, 76.3647,
78.0870

 69.6085, 87.3153,
88.2417

 71.3225, 88.0009,
97.2675

Harmonies

Analogous

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



28.1955, 22.9967, 37.5903



29.5483, 22.9967, 26.1740



28.6605, 22.9967, 17.1070

Triad

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



29.5483, 22.9967, 26.1740



18.8765, 22.9967, 11.1523



18.2701, 22.9967, 45.6288

Complementary

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



29.5483, 22.9967, 26.1740



29.4507, 39.6169, 37.9948

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.



16.2267, 22.9967, 35.1086



29.5483, 22.9967, 26.1740



16.5488, 22.9967, 15.6487

Square

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



29.5483, 22.9967, 26.1740



22.2503, 22.9967, 9.9713



15.6327, 22.9967, 23.9383



21.4697, 22.9967, 50.6012

Rectangle

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



29.5483, 22.9967, 26.1740



26.9656, 22.9967, 13.1651



15.6327, 22.9967, 23.9383



17.4393, 22.9967, 42.5036

Sweetspot

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



29.5489, 22.9978, 26.1745



70.4635, 68.5856, 76.4229



27.8796, 21.6632, 47.5119



15.3451, 14.8021, 16.5295



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.5489, 22.9978, 26.1745



48.7856, 34.9505, 39.2292



29.0282, 24.5631, 17.9644



9.1332, 9.0636, 10.0488



14.3225, 7.3028, 4.3191



0.5350, 0.2695, 0.3107

Inverse Universe

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



29.5489, 22.9978, 26.1745



48.7856, 34.9505, 39.2292



29.9732, 36.7241, 50.3086



9.1332, 9.0636, 10.0488



14.3225, 7.3028, 4.3191



0.5350, 0.2695, 0.3107

Previews

White Background



This preview shows how the XYZ color 29.5483, 22.9967, 26.1740 looks on a white background.

Color Contrast Check

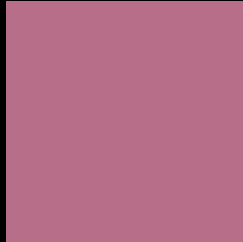
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 29.5483, 22.9967, 26.1740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

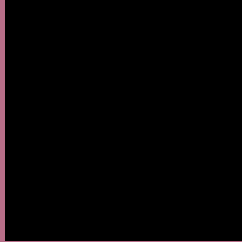
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5483, 22.9967, 26.1740

Background



This preview shows how black text looks on a background with the XYZ color 29.5483, 22.9967, 26.1740.



This preview shows how white text looks on a background with the XYZ color 29.5483, 22.9967,

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

29.5483, 22.9967, 26.1740

Protanopia

22.7470, 23.1484, 31.7030

Deuteranopia

23.6299, 23.1515, 25.4136



Tritanopia

28.6477, 23.1358, 21.0449

Trichromacy



Original Color

29.5483, 22.9967, 26.1740

Protanomaly

24.5114, 22.5691, 29.4499

Deuteranomaly

25.4385, 22.7669, 25.6080

Tritanomaly

28.8515, 23.0398, 22.6651

Monochromacy



Original Color

29.5483, 22.9967, 26.1740

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.7829, 23.3464, 26.1218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5483, 22.9967, 26.1740 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(183, 110, 136)` looks like.

```
.text, #text, p{  
    color:rgb(183, 110, 136)  
}
```

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(183, 110, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 110, 136) }
```

Border

The CSS property to change the border of an element to XYZ 29.5483, 22.9967, 26.1740 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(183, 110, 136) }
```


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

```
.border{ border-color:rgb(183, 110, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 110, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 110, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 110, 136);  
box-shadow:4px 4px 4px 4px rgb(183, 110,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5483, 22.9967, 26.1740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 110, 136) }
```

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

```
.background{ background-color: rgb(183,  
110, 136) }
```

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