

Converting Colors

XYZ(26.4295, 16.2732, 22.3983)

Have a look what the booklet for
XYZ(26.4295, 16.2732, 22.3983)
contains.

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Color

**XYZ(26.5231, 16.2840,
22.5141)**

Conversions

Conversions Part 1

Format	Color
Hex	BB4481
RGB	187, 68, 129
RGB Percent	73%, 27%, 51%
CMY	0.2667, 0.7333, 0.4941
CMYK	0.00, 0.64, 0.31, 0.27
HSL	329°, 47%, 50%
HSV	329°, 64%, 73%
XYZ	26.5231, 16.2840, 22.5141
YIQ	110.5350, 51.3430, 44.1990

Conversions

Conversions Part 2

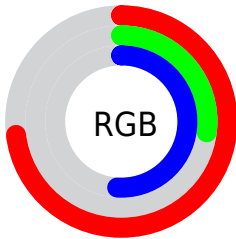
Format	Color
R_{YB}	187, 68, 129
Decimal	12272769
CIE Lab	47.34, 53.70, -9.05
CIE LCh	47, 54.456, 350.433
Yxy	16.2840, 0.4060, 0.2493
Android (android.graphics.Color)	4290462849 (0xFFBB4481)
YUV	110.5350, 9.1032, 67.0598
Hunter-Lab	40.3534, 46.7042, -4.8318

Details

The XYZ color **26.5231, 16.2840, 22.5141** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23.9210, 38.2765, 25.8681**, and the grayscale version is **14.9398, 15.7178, 17.1167**.

A 20% lighter version of the original color is **53.5325, 37.1361, 48.6025**, and **10.6539, 5.3250, 8.0557** is the 20% darker color. If you saturate the color by 10%, you get **24.9880, 14.1405, 19.1453**, and if you desaturate by 10%, it is **28.4739, 19.1721, 26.2884**.

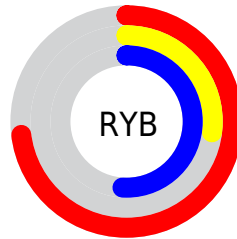
Distribution



Red (73%)

Green (27%)

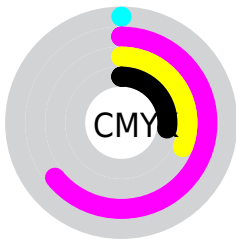
Blue (51%)



Red (73%)

Yellow (27%)

Blue (51%)

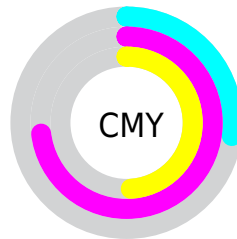


Cyan (0%)

Magenta (64%)

Yellow (31%)

Black (27%)



Cyan (27%)


Magenta (73%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5231, 16.2840, 22.5141 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 26.5231, 16.2840, 22.5141 by changing the saturation by 10% instead.


 26.5231, 16.2840,
22.5141


 26.5231, 16.2840,
22.5141


277.5504,
231.0118, 278.2600


 17.3501, 9.7253,
14.0332


 53.5429, 37.0905,
48.5073

 10.5813, 5.2172,
8.0048


 72.1205, 52.1072,
66.8566


 5.8512, 2.3753,
4.0102

 94.5637, 70.7120,
89.3326

 2.7946, 0.8131,
1.6309

 121.2377, 93.2893,
116.3537

 1.0461, 0.0000,
0.3127

 152.5081,
120.2236, 148.3384

 0.0000, 0.0000,
0.0000

188.7401,

151.8991, 185.7053

230.2991,
188.7004, 228.8730

■ 26.5231, 16.2840,
22.5141

■ 26.5231, 16.2840,
22.5141

■ 24.9880, 14.1405,
19.1453

■ 28.4739, 19.1721,
26.2884

■ 23.8300, 12.6670,
16.1619

■ 30.8712, 22.8648,
30.4847

■ 23.0052, 11.7780,
13.5421

■ 33.7446, 27.4188,
35.1196

■ 22.5981, 11.4067,
12.0415

■ 37.1205, 32.8851,
40.2080

■ 41.0233, 39.3104,
45.7640

■ 45.4757, 46.7385,
51.8012

■ 50.4993, 55.2102,
58.3324

■ 56.1141, 64.7643,
65.3697

■ 62.3394, 75.4373,
72.9250

Harmonies

Analogous

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



23.7702, 16.2840, 40.5585



26.5231, 16.2840, 22.5141



25.8785, 16.2840, 9.9897

Triad

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



26.5231, 16.2840, 22.5141



12.4644, 16.2840, 2.6811



10.2962, 16.2840, 47.0411

Complementary

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



26.5231, 16.2840, 22.5141



23.9210, 38.2765, 25.8681

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.



8.3202, 16.2840, 28.6947



26.5231, 16.2840, 22.5141



9.3799, 16.2840, 5.6340

Square

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



26.5231, 16.2840, 22.5141



17.0682, 16.2840, 2.3288



8.0238, 16.2840, 13.6776



13.9887, 16.2840, 58.8501

Rectangle

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



26.5231, 16.2840, 22.5141



23.6507, 16.2840, 5.4924



8.0238, 16.2840, 13.6776



9.4444, 16.2840, 41.0934

Sweetspot

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



26.5236, 16.2848, 22.5144



69.3878, 63.6594, 76.2124



19.5708, 12.1221, 48.3222



14.8506, 13.3136, 16.1644



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.



26.5236, 16.2848, 22.5144



43.9334, 24.2456, 32.2902



23.6663, 15.1419, 7.4680



9.7288, 9.6158, 10.9607



15.6069, 7.8739, 8.4895



0.6443, 0.3216, 0.5061

Inverse Universe

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



26.5236, 16.2848, 22.5144



43.9334, 24.2456, 32.2902



28.9135, 40.2734, 52.1580



9.7288, 9.6158, 10.9607



15.6069, 7.8739, 8.4895



0.6443, 0.3216, 0.5061

Previews

White Background



This preview shows how the XYZ color 26.5231, 16.2840, 22.5141 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 26.5231, 16.2840, 22.5141 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 26.5231, 16.2840, 22.5141

Background



This preview shows how black text looks on a background with the XYZ color 26.5231, 16.2840, 22.5141.



This preview shows how white text looks on a background with the XYZ color 26.5231, 16.2840,

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

26.5231, 16.2840, 22.5141

Protanopia

16.9795, 16.4688, 35.0848

Deuteranopia

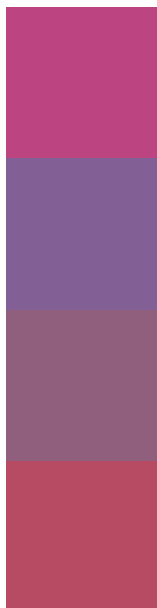
16.7588, 16.5039, 21.0412



Tritanopia

23.9247, 16.2993, 10.2726

Trichromacy



Original Color

26.5231, 16.2840, 22.5141

Protanomaly

18.6434, 15.0684, 29.9428

Deuteranomaly

19.2955, 15.5944, 21.3951

Tritanomaly

24.5835, 16.1426, 13.8767

Monochromacy



Original Color

26.5231, 16.2840, 22.5141

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

18.0097, 14.9814, 19.0820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5231, 16.2840, 22.5141 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(187, 68, 129)` looks like.

```
.text, #text, p{  
    color:rgb(187, 68, 129)  
}
```

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(187, 68, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 68, 129) }
```

Border

The CSS property to change the border of an element to XYZ 26.5231, 16.2840, 22.5141 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(187, 68, 129) }
```


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

```
.border{ border-color:rgb(187, 68, 129) }
```

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

Here you see how a box with a 4 pixel rgb(187, 68, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 68, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 68, 129);  
box-shadow:4px 4px 4px 4px rgb(187, 68,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5231, 16.2840, 22.5141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 68, 129) }
```

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

```
.background{ background-color: rgb(187, 68,  
129) }
```

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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