

Converting Colors

XYZ(26.4669, 20.8553, 29.4230)

Have a look what the booklet for
XYZ(26.4669, 20.8553, 29.4230)
contains.

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Color

**XYZ(26.5170, 20.8846,
29.4216)**

Conversions

Conversions Part 1

Format	Color
Hex	A86B91
RGB	168, 107, 145
RGB Percent	66%, 42%, 57%
CMY	0.3412, 0.5804, 0.4314
CMYK	0.00, 0.36, 0.14, 0.34
HSL	323°, 26%, 54%
HSV	323°, 36%, 66%
XYZ	26.5170, 20.8846, 29.4216
YIQ	129.5710, 24.1580, 24.7500

Conversions

Conversions Part 2

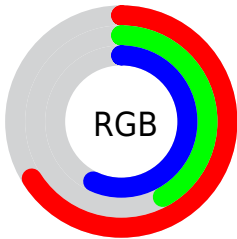
Format	Color
R_{YB}	168, 107, 145
Decimal	11037585
CIE _{Lab}	52.82, 30.06, -10.64
CIE _{LCh}	53, 31.889, 340.509
Yxy	20.8846, 0.3452, 0.2719
Android (android.graphics.Color)	4289227665 (0xFFA86B91)
YUV	129.5710, 7.6065, 33.7022
Hunter-Lab	45.6997, 23.5993, -6.1813

Details

The XYZ color **26.5170, 20.8846, 29.4216** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.0962, 32.7434, 26.1707**, and the grayscale version is **21.0354, 22.1309, 24.1006**.

A 20% lighter version of the original color is **53.4474, 44.7671, 59.8568**, and **10.6488, 7.4972, 11.7123** is the 20% darker color. If you saturate the color by 10%, you get **24.4578, 17.5261, 26.3921**, and if you desaturate by 10%, it is **28.9450, 24.9365, 32.7089**.

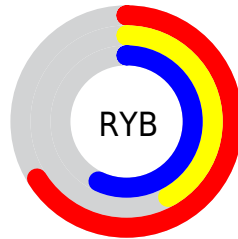
Distribution



Red (66%)

Green (42%)

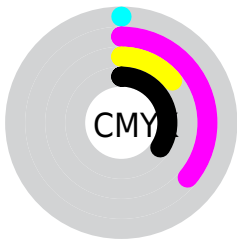
Blue (57%)



Red (66%)

Yellow (42%)

Blue (57%)

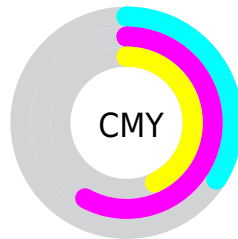


Cyan (0%)

Magenta (36%)

Yellow (14%)

Black (34%)



Cyan (34%)


Magenta (58%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5170, 20.8846, 29.4216 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 26.5170, 20.8846, 29.4216 by changing the saturation by 10% instead.

 26.5170, 20.8846,
29.4216


 26.5170, 20.8846,
29.4216


277.5212,
256.6646, 313.3220

 17.3455, 13.0397,
19.1517


 53.5332, 44.8954,
59.7964


 10.5780, 7.4559,
11.6020


 72.1086, 61.8301,
80.7384

 5.8490, 3.7488,
6.3541

 94.5494, 82.5634,
106.0748

 2.7933, 1.5341,
2.9893

 121.2209,
107.4799, 136.2241

 1.0454, 0.3125,
1.0892

152.4885,
136.9638, 171.6050

 0.0000, 0.0000,
0.0000

188.7175,

171.3997, 212.6359

230.2733,
211.1718, 259.7354

■ 26.5170, 20.8846,
29.4216

■ 26.5170, 20.8846,
29.4216

■ 24.4578, 17.5261,
26.3921

■ 28.9450, 24.9365,
32.7089

■ 22.7453, 14.8183,
23.6102

■ 31.7585, 29.7155,
36.2610

■ 21.3579, 12.7184,
21.0666

■ 34.9754, 35.2565,
40.0862

■ 20.2704, 11.1772,
18.7508

■ 38.6121, 41.5913,
44.1919

■ 19.4541, 10.1375,
16.6507

■ 42.6838, 48.7499,
48.5852

■ 18.8693, 9.5209,
14.7508

■ 47.2051, 56.7608,
53.2730

■ 18.6806, 9.3377,
14.0889

■ 52.1898, 65.6510,
58.2616

■ 57.6512, 75.4464,
63.5574

■ 62.5709, 84.1098,
68.8229

Harmonies

Analogous

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



24.3055, 20.8846, 39.7206



26.5170, 20.8846, 29.4216



26.8329, 20.8846, 19.5571

Triad

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



26.5170, 20.8846, 29.4216



18.7053, 20.8846, 9.0575



15.3701, 20.8846, 36.8484

Complementary

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



26.5170, 20.8846, 29.4216



24.0962, 32.7434, 26.1707

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.



14.1979, 20.8846, 26.2503



26.5170, 20.8846, 29.4216



15.9756, 20.8846, 11.4550

Square

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



26.5170, 20.8846, 29.4216



22.0636, 20.8846, 9.4657



14.4064, 20.8846, 17.1549



17.7900, 20.8846, 44.7707

Rectangle

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



26.5170, 20.8846, 29.4216



25.8919, 20.8846, 14.6444



14.4064, 20.8846, 17.1549



14.8300, 20.8846, 33.3748

Sweetspot

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



26.5176, 20.8856, 29.4220



60.5168, 58.8795, 69.2814



21.4356, 18.0396, 39.3983



13.0276, 12.5535, 14.9065



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.5176, 20.8856, 29.4220



44.9014, 32.6404, 48.6874



24.5092, 20.0822, 18.8456



7.7202, 7.6179, 8.8436



14.1322, 7.0616, 10.7735



0.3675, 0.1813, 0.3866

Inverse Universe

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



26.5176, 20.8856, 29.4220



44.9014, 32.6404, 48.6874



26.4003, 33.6650, 38.3037



7.7202, 7.6179, 8.8436



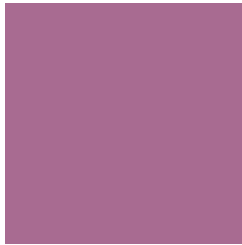
14.1322, 7.0616, 10.7735



0.3675, 0.1813, 0.3866

Previews

White Background



This preview shows how the XYZ color 26.5170, 20.8846, 29.4216 looks on a white background.

Color Contrast Check

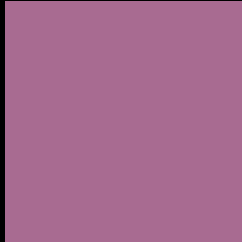
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5170, 20.8846, 29.4216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

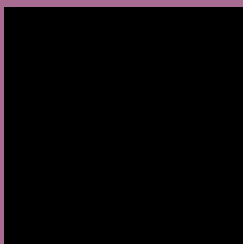
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5170, 20.8846, 29.4216

Background



This preview shows how black text looks on a background with the XYZ color 26.5170, 20.8846, 29.4216.



This preview shows how white text looks on a background with the XYZ color 26.5170, 20.8846,

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

26.5170, 20.8846, 29.4216

Protanopia

21.0272, 21.0235, 34.8480

Deuteranopia

21.3255, 20.9442, 28.5098



Tritanopia

24.7014, 20.9437, 20.5099

Trichromacy



Original Color

26.5170, 20.8846, 29.4216

Protanomaly

22.5447, 20.5751, 32.9202

Deuteranomaly

22.8208, 20.6350, 28.7668

Tritanomaly

25.2643, 20.8438, 23.4606

Monochromacy



Original Color

26.5170, 20.8846, 29.4216

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.8343, 21.5976, 25.8869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5170, 20.8846, 29.4216 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(168, 107, 145)` looks like.

```
.text, #text, p{  
    color:rgb(168, 107, 145)  
}
```

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(168, 107, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 107, 145) }
```

Border

The CSS property to change the border of an element to XYZ 26.5170, 20.8846, 29.4216 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(168, 107, 145) }
```


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

```
.border{ border-color:rgb(168, 107, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 107, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 107, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 107, 145);  
box-shadow:4px 4px 4px 4px rgb(168, 107,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5170, 20.8846, 29.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 107, 145) }
```

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

```
.background{ background-color: rgb(168,  
107, 145) }
```

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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