

Converting Colors

XYZ(26.5647, 18.6106, 36.6721)

Have a look what the booklet for
XYZ(26.5647, 18.6106, 36.6721)
contains.

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Color

**XYZ(26.5865, 18.6235,
36.8438)**

Conversions

Conversions Part 1

Format	Color
Hex	A85CA3
RGB	168, 92, 163
RGB Percent	66%, 36%, 64%
CMY	0.3412, 0.6392, 0.3608
CMYK	0.00, 0.45, 0.03, 0.34
HSL	304°, 30%, 51%
HSV	304°, 45%, 66%
XYZ	26.5865, 18.6235, 36.8438
YIQ	122.8180, 22.5050, 38.1930

Conversions

Conversions Part 2

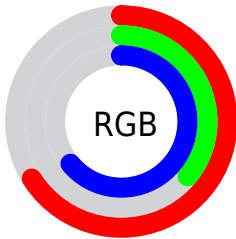
Format	Color
R_{YB}	168, 92, 163
Decimal	11033763
CIE _{Lab}	50.24, 41.46, -25.16
CIE _{LCh}	50, 48.498, 328.756
Yxy	18.6235, 0.3240, 0.2270
Android (android.graphics.Color)	4289223843 (0xFFA85CA3)
YUV	122.8180, 19.8097, 39.6246
Hunter-Lab	43.1550, 34.4474, -20.4107

Details

The XYZ color **26.5865, 18.6235, 36.8438** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.5748, 31.1444, 16.2375**, and the grayscale version is **18.6991, 19.6729, 21.4238**.

A 20% lighter version of the original color is **53.6795, 41.0160, 71.4173**, and **10.6016, 6.3110, 15.6983** is the 20% darker color. If you saturate the color by 10%, you get **25.1909, 15.9897, 35.8922**, and if you desaturate by 10%, it is **28.3069, 21.9047, 37.9083**.

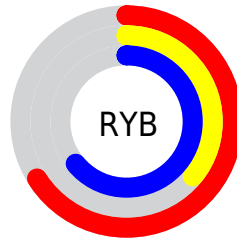
Distribution



Red (66%)

Green (36%)

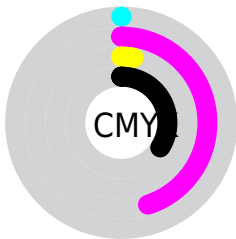
Blue (64%)



Red (66%)

Yellow (36%)

Blue (64%)

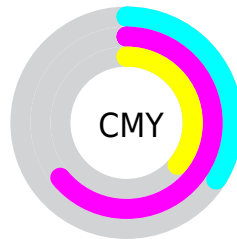


Cyan (0%)

Magenta (45%)

Yellow (3%)

Black (34%)



Cyan (34%)

Magenta (64%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5865, 18.6235, 36.8438 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 26.5865, 18.6235, 36.8438 by changing the saturation by 10% instead.


 26.5865, 18.6235,
36.8438


 26.5865, 18.6235,
36.8438


277.8536,
244.3623, 347.7821


 17.3979, 11.3985,
24.7917


 53.6442, 41.0969,
71.5161


 10.6156, 6.3356,
15.7044


 72.2440, 57.1142,
94.9735

 5.8744, 3.0502,
9.1631


 94.7116, 76.8310,
123.0696

 2.8088, 1.1580,
4.7495

 121.4123,
100.6318, 156.2232

 1.0535, 0.0270,
2.0449

152.7115,
128.9009, 194.8527

 0.0000, 0.0000,
0.5827

188.9746,

 0.0000, 0.0000,

162.0228, 239.3766

0.0000

230.5668,
200.3818, 290.2136

■ 26.5865, 18.6235,
36.8438

■ 26.5865, 18.6235,
36.8438

■ 25.1909, 15.9897,
35.8922

■ 28.3069, 21.9047,
37.9083

■ 24.0967, 13.9578,
35.0452

■ 30.3699, 25.8700,
39.0911

■ 23.2803, 12.4800,
34.2950

■ 32.7940, 30.5564,
40.3985

■ 22.7137, 11.5005,
33.6323

■ 35.5962, 35.9973,
41.8363

■ 22.3619, 10.9492,
33.0454

■ 38.7921, 42.2244,
43.4097

■ 22.2300, 10.7575,
32.7792

■ 42.3966, 49.2671,
45.1235

■ 46.4237, 57.1536,
46.9826

■ 50.8868, 65.9108,
48.9913

■ 55.7987, 75.5642,
51.1540

Harmonies

Analogous

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



22.4044, 18.6235, 52.3997



26.5865, 18.6235, 36.8438



28.3364, 18.6235, 20.8439

Triad

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



26.5865, 18.6235, 36.8438



17.8976, 18.6235, 3.8646



10.9128, 18.6235, 35.4161

Complementary

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



26.5865, 18.6235, 36.8438



20.5748, 31.1444, 16.2375

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.



10.1282, 18.6235, 19.7221



26.5865, 18.6235, 36.8438



13.7069, 18.6235, 5.0161

Square

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



26.5865, 18.6235, 36.8438



22.8037, 18.6235, 5.2404



11.0553, 18.6235, 9.6138



13.4228, 18.6235, 51.3506

Rectangle

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



26.5865, 18.6235, 36.8438



27.6889, 18.6235, 13.0545



11.0553, 18.6235, 9.6138



10.4604, 18.6235, 29.7691

Sweetspot

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



26.5871, 18.6243, 36.8442



59.9758, 56.3535, 73.5529



15.6988, 12.9584, 38.7202



12.8582, 11.8681, 15.9189



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.



26.5871, 18.6243, 36.8442



45.7673, 29.1190, 65.1707



23.7552, 17.4916, 21.9315



7.8203, 7.6580, 9.3708



16.7943, 8.1264, 24.7921



0.4147, 0.2002, 0.6355

Inverse Universe

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



26.5871, 18.6243, 36.8442



45.7673, 29.1190, 65.1707



22.7062, 31.9969, 27.4614



7.8203, 7.6580, 9.3708



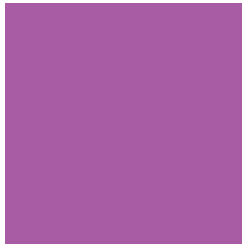
16.7943, 8.1264, 24.7921



0.4147, 0.2002, 0.6355

Previews

White Background



This preview shows how the XYZ color 26.5865, 18.6235, 36.8438 looks on a white background.

Color Contrast Check

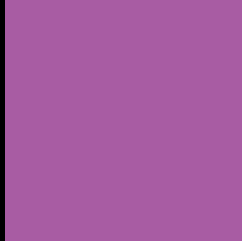
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5865, 18.6235, 36.8438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

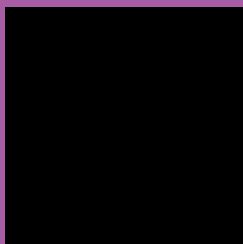
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5865, 18.6235, 36.8438

Background



This preview shows how black text looks on a background with the XYZ color 26.5865, 18.6235, 36.8438.



This preview shows how white text looks on a background with the XYZ color 26.5865, 18.6235,

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

26.5865, 18.6235, 36.8438

Protanopia

20.0599, 18.9589, 47.9496

Deuteranopia

19.2055, 18.8050, 34.9652



Tritanopia

22.7198, 18.7297, 17.4567

Trichromacy



Original Color

26.5865, 18.6235, 36.8438

Protanomaly

21.4735, 18.2828, 43.4715

Deuteranomaly

21.3295, 18.3809, 35.6814

Tritanomaly

23.8963, 18.6186, 23.4534

Monochromacy



Original Color

26.5865, 18.6235, 36.8438

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.0291, 18.9123, 26.5868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5865, 18.6235, 36.8438 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, 92, 163)` looks like.

```
.text, #text, p{  
    color:rgb(168, 92, 163)  
}
```

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, 92, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 92, 163) }
```

Border

The CSS property to change the border of an element to XYZ 26.5865, 18.6235, 36.8438 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, 92, 163) }
```


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

```
.border{ border-color:rgb(168, 92, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 92, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 92, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 92, 163);  
box-shadow:4px 4px 4px 4px rgb(168, 92,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5865, 18.6235, 36.8438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 92, 163) }
```

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

```
.background{ background-color: rgb(168, 92,  
163) }
```

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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