

Converting Colors

XYZ(26.2909, 18.7994, 36.6903)

Have a look what the booklet for
XYZ(26.2909, 18.7994, 36.6903)
contains.

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Color

**XYZ(26.3394, 18.7567,
36.8825)**

Conversions

Conversions Part 1

Format	Color
Hex	A65EA3
RGB	166, 94, 163
RGB Percent	65%, 37%, 64%
CMY	0.3490, 0.6314, 0.3608
CMYK	0.00, 0.43, 0.02, 0.35
HSL	303°, 29%, 51%
HSV	303°, 43%, 65%
XYZ	26.3394, 18.7567, 36.8825
YIQ	123.3940, 20.7630, 36.7230

Conversions

Conversions Part 2

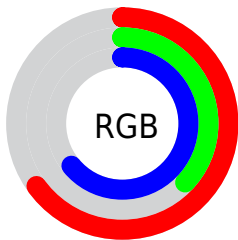
Format	Color
R _Y B	166, 94, 163
Decimal	10903203
CIE Lab	50.40, 39.77, -24.93
CIE LCh	50, 46.938, 327.915
Yxy	18.7567, 0.3213, 0.2288
Android (android.graphics.Color)	4289093283 (0xFFA65EA3)
YUV	123.3940, 19.5258, 37.3655
Hunter-Lab	43.3090, 32.7683, -20.1758

Details

The XYZ color **26.3394, 18.7567, 36.8825** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.4107, 30.5158, 16.1247**, and the grayscale version is **18.8901, 19.8738, 21.6426**.

A 20% lighter version of the original color is **53.0580, 41.1493, 71.4758**, and **10.4520, 6.3938, 15.7222** is the 20% darker color. If you saturate the color by 10%, you get **24.9574, 16.0912, 36.1170**, and if you desaturate by 10%, it is **28.0405, 22.0589, 37.7564**.

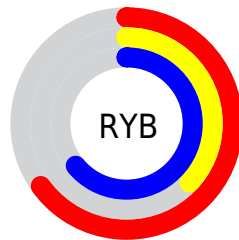
Distribution



Red (65%)

Green (37%)

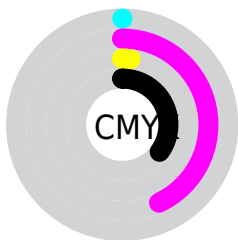
Blue (64%)



Red (65%)

Yellow (37%)

Blue (64%)

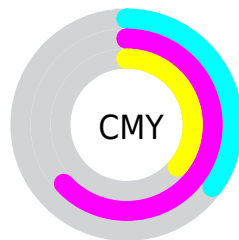


Cyan (0%)

Magenta (43%)

Yellow (2%)

Black (35%)



Cyan (35%)

Magenta (63%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3394, 18.7567, 36.8825 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 26.3394, 18.7567, 36.8825 by changing the saturation by 10% instead.

■ 26.3394, 18.7567,
36.8825

■ 26.3394, 18.7567,
36.8825

276.6705,
245.1023, 347.9549

■ 17.2117, 11.4946,
24.8215

■ 53.2494, 41.3226,
71.5763

■ 10.4818, 6.4006,
15.7263

■ 71.7624, 57.3951,
95.0462

■ 5.7843, 3.0901,
9.1784

■ 94.1346, 77.1733,
123.1561

■ 2.7538, 1.1790,
4.7593

■ 120.7313,
101.0415, 156.3246

■ 1.0249, 0.0444,
2.0505

151.9179,
129.3841, 194.9701

■ 0.0000, 0.0000,
0.5861

188.0597,

■ 0.0000, 0.0000,

162.5855, 239.5114

0.0000

229.5221,
201.0301, 290.3668

■ 26.3394, 18.7567,
36.8825

■ 26.3394, 18.7567,
36.8825

■ 24.9574, 16.0912,
36.1170

■ 28.0405, 22.0589,
37.7564

■ 23.8719, 14.0187,
35.4519

■ 30.0774, 26.0328,
38.7437

■ 23.0608, 12.4942,
34.8799

■ 32.4681, 30.7137,
39.8506

■ 22.4976, 11.4652,
34.3921

■ 35.2287, 36.1337,
41.0825

■ 22.1509, 10.8686,
33.9783

■ 38.3742, 42.3231,
42.4444

■ 21.9913, 10.6132,
33.7282

■ 41.9190, 49.3104,
43.9410

■ 45.8764, 57.1226,
45.5769

■ 50.2595, 65.7855,
47.3564

■ 55.0806, 75.3238,
49.2836

Harmonies

Analogous

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



22.2573, 18.7567, 51.6322



26.3394, 18.7567, 36.8825



28.1079, 18.7567, 21.3505

Triad

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



26.3394, 18.7567, 36.8825



18.1487, 18.7567, 4.2004



11.1461, 18.7567, 34.5845

Complementary

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



26.3394, 18.7567, 36.8825



20.4107, 30.5158, 16.1247

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.



10.4205, 18.7567, 19.5225



26.3394, 18.7567, 36.8825



14.0286, 18.7567, 5.2966

Square

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



26.3394, 18.7567, 36.8825



22.9043, 18.7567, 5.6770



11.3811, 18.7567, 9.7748



13.5628, 18.7567, 49.9546

Rectangle

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



26.3394, 18.7567, 36.8825



27.5435, 18.7567, 13.6295



11.3811, 18.7567, 9.7748



10.7165, 18.7567, 29.1652

Sweetspot

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



26.3400, 18.7575, 36.8829



58.9867, 55.8609, 72.3519



15.7525, 13.2680, 37.8076



12.9792, 12.0676, 16.0903



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.



26.3400, 18.7575, 36.8829



45.3857, 29.3783, 65.6009



23.5993, 17.6612, 22.4503



7.8282, 7.6611, 9.4125



17.0574, 8.2317, 26.1775



0.4190, 0.2019, 0.6579

Inverse Universe

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



26.3400, 18.7575, 36.8829



45.3857, 29.3783, 65.6009



22.4453, 31.3296, 26.8386



7.8282, 7.6611, 9.4125



17.0574, 8.2317, 26.1775



0.4190, 0.2019, 0.6579

Previews

White Background



This preview shows how the XYZ color 26.3394, 18.7567, 36.8825 looks on a white background.

Color Contrast Check

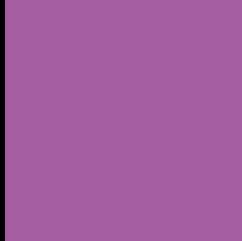
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3394, 18.7567, 36.8825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

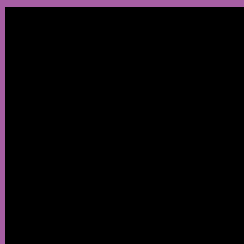
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.3394, 18.7567, 36.8825

Background



This preview shows how black text looks on a background with the XYZ color 26.3394, 18.7567, 36.8825.



This preview shows how white text looks on a background with the XYZ color 26.3394, 18.7567,

36.8825.

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

26.3394, 18.7567, 36.8825

Protanopia

19.9589, 18.9309, 46.8581

Deuteranopia

19.2920, 18.8396, 35.4205



Tritanopia

22.5294, 18.7690, 18.0581

Trichromacy



Original Color

26.3394, 18.7567, 36.8825

Protanomaly

21.3749, 18.2434, 42.9522

Deuteranomaly

21.1739, 18.3006, 35.6741

Tritanomaly

23.6507, 18.6274, 23.8217

Monochromacy



Original Color

26.3394, 18.7567, 36.8825

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 26.3394, 18.7567, 36.8825 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(166, 94, 163)` looks like.

```
.text, #text, p{  
    color:rgb(166, 94, 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(166, 94, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 94, 163) }
```

Border

The CSS property to change the border of an element to XYZ 26.3394, 18.7567, 36.8825 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(166, 94, 163) }
```


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

```
.border{ border-color:rgb(166, 94, 163) }
```

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

Here you see how a box with a 4 pixel rgb(166, 94, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 94, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 94, 163);  
box-shadow:4px 4px 4px 4px rgb(166, 94,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3394, 18.7567, 36.8825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 94, 163) }
```

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

```
.background{ background-color: rgb(166, 94,  
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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