

Converting Colors

XYZ(26.2318, 21.7721, 33.8302)

Have a look what the booklet for
XYZ(26.2318, 21.7721, 33.8302)
contains.

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Color

**XYZ(26.2318, 21.7721,
33.8302)**

Conversions

Conversions Part 1

Format	Color
Hex	9F729B
RGB	159, 114, 155
RGB Percent	62%, 45%, 61%
CMY	0.3765, 0.5529, 0.3922
CMYK	0.00, 0.28, 0.03, 0.38
HSL	305°, 19%, 54%
HSV	305°, 28%, 62%
XYZ	26.2318, 21.7721, 33.8302
YIQ	132.1290, 13.6590, 22.2910

Conversions

Conversions Part 2

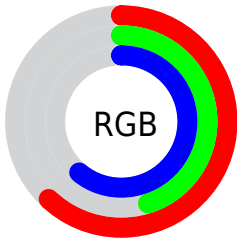
Format	Color
R_{YB}	159, 114, 155
Decimal	10449563
CIE _{Lab}	53.78, 24.74, -15.14
CIE _{LCh}	54, 29.008, 328.533
Yxy	21.7721, 0.3205, 0.2661
Android (android.graphics.Color)	4288639643 (0xFF9F729B)
YUV	132.1290, 11.2754, 23.5659
Hunter-Lab	46.6606, 18.6937, -10.3245

Details

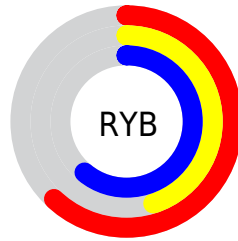
The XYZ color **26.2318, 21.7721, 33.8302** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.6085, 29.6824, 21.6785**, and the grayscale version is **21.9364, 23.0788, 25.1328**.

A 20% lighter version of the original color is **53.0006, 46.2217, 67.1010**, and **10.4524, 7.9059, 14.0718** is the 20% darker color. If you saturate the color by 10%, you get **24.4741, 18.4451, 32.6622**, and if you desaturate by 10%, it is **28.3040, 25.7251, 35.1104**.

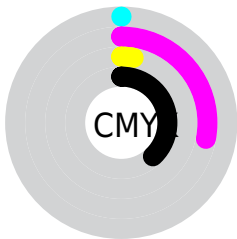
Distribution



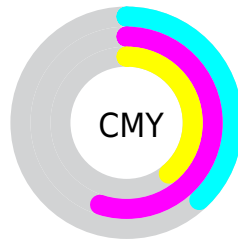
- Red (62%)
- Green (45%)
- Blue (61%)



- Red (62%)
- Yellow (45%)
- Blue (61%)



- Cyan (0%)
- Magenta (28%)
- Yellow (3%)
- Black (38%)





- Cyan (38%)
- Magenta (55%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2318, 21.7721, 33.8302 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 26.2318, 21.7721, 33.8302 by changing the saturation by 10% instead.

 26.2318, 21.7721,
33.8302


 26.2318, 21.7721,
33.8302


276.1540,
261.3538, 334.1203


 17.1307, 13.6895,
22.4869


 53.0773, 46.3690,
66.8004


 10.4236, 7.9051,
14.0134


 71.5524, 63.6522,
89.2644

 5.7451, 4.0343,
7.9911


 93.8830, 84.7710,
116.2723

 2.7299, 1.6927,
4.0016

 120.4342,
110.1099, 148.2427

 1.0126, 0.4190,
1.6262

151.5716,
140.0532, 185.5942

 0.0000, 0.0000,
0.3094

187.6605,

 0.0000, 0.0000,

174.9854, 228.7452

0.0000

229.0662,
215.2908, 278.1144

■ 26.2318, 21.7721,
33.8302

■ 26.2318, 21.7721,
33.8302

■ 24.4741, 18.4451,
32.6622

■ 28.3040, 25.7251,
35.1104

■ 23.0127, 15.7090,
31.5996

■ 30.7037, 30.3311,
36.5063

■ 21.8307, 13.5296,
30.6369

■ 33.4455, 35.6191,
38.0233

■ 20.9087, 11.8679,
29.7677

■ 36.5427, 41.6155,
39.6655

■ 20.2248, 10.6801,
28.9846

■ 40.0076, 48.3453,
41.4374

■ 19.7533, 9.9150,
28.2790

■ 43.8522, 55.8323,
43.3427

■ 19.4466, 9.4773,
27.6351

■ 48.0879, 64.0990,
45.3855

■ 19.3988, 9.4112,
27.5277

■ 52.7255, 73.1673,
47.5692

■ 57.1004, 81.7079,
49.6723

Harmonies

Analogous

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



23.6872, 21.7721, 42.1856



26.2318, 21.7721, 33.8302



27.2742, 21.7721, 24.1478

Triad

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



26.2318, 21.7721, 33.8302



20.8474, 21.7721, 10.3648



15.8670, 21.7721, 32.8757

Complementary

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



26.2318, 21.7721, 33.8302



22.6085, 29.6824, 21.6785

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.



15.2672, 21.7721, 23.2699



26.2318, 21.7721, 33.8302



17.9637, 21.7721, 11.6079

Square

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



26.2318, 21.7721, 33.8302



23.9789, 21.7721, 11.8827



15.9957, 21.7721, 15.8349



17.7232, 21.7721, 41.5443

Rectangle

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



26.2318, 21.7721, 33.8302



26.9050, 21.7721, 18.6631



15.9957, 21.7721, 15.8349



15.5205, 21.7721, 29.5844

Sweetspot

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



26.2325, 21.7731, 33.8307



55.0549, 54.4505, 65.4171



19.7136, 18.3730, 35.3087



12.2636, 11.9902, 14.6638



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.2325, 21.7731, 33.8307



44.9175, 35.0846, 59.2362



24.5326, 21.0931, 24.8791



6.8787, 6.7444, 8.2124



15.3294, 7.4363, 21.7833



0.2808, 0.1356, 0.4247

Inverse Universe

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



26.2325, 21.7731, 33.8307



44.9175, 35.0846, 59.2362



24.0905, 30.2752, 29.4825



6.8787, 6.7444, 8.2124



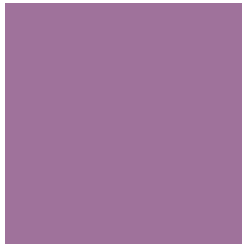
15.3294, 7.4363, 21.7833



0.2808, 0.1356, 0.4247

Previews

White Background



This preview shows how the XYZ color 26.2318, 21.7721, 33.8302 looks on a white background.

Color Contrast Check

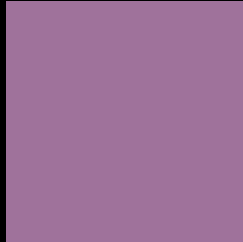
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2318, 21.7721, 33.8302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

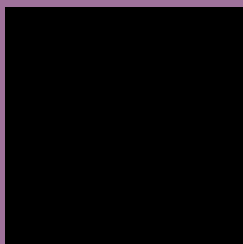
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2318, 21.7721, 33.8302

Background



This preview shows how black text looks on a background with the XYZ color 26.2318, 21.7721, 33.8302.



This preview shows how white text looks on a background with the XYZ color 26.2318, 21.7721,

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

26.2318, 21.7721, 33.8302

Protanopia

21.8980, 21.7810, 38.1720

Deuteranopia

22.4165, 21.9674, 33.1957



Tritanopia

24.0107, 21.7207, 23.3491

Trichromacy



Original Color

26.2318, 21.7721, 33.8302

Protanomaly

23.2241, 21.5606, 36.6558

Deuteranomaly

23.7768, 21.9149, 33.5487

Tritanomaly

24.6590, 21.6255, 26.9192

Monochromacy



Original Color

26.2318, 21.7721, 33.8302

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.2226, 22.3115, 27.8935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2318, 21.7721, 33.8302 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(159, 114, 155)` looks like.

```
.text, #text, p{  
    color:rgb(159, 114, 155)  
}
```

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(159, 114, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 114, 155) }
```

Border

The CSS property to change the border of an element to XYZ 26.2318, 21.7721, 33.8302 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(159, 114, 155) }
```


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

```
.border{ border-color:rgb(159, 114, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 114, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 114, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 114, 155);  
box-shadow:4px 4px 4px 4px rgb(159, 114,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2318, 21.7721, 33.8302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 114, 155) }
```

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

```
.background{ background-color: rgb(159,  
114, 155) }
```

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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