

Converting Colors

XYZ(26.4222, 21.3807, 26.2330)

Have a look what the booklet for
XYZ(26.4222, 21.3807, 26.2330)
contains.

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Color

**XYZ(26.4535, 21.3930,
26.4019)**

Conversions

Conversions Part 1

Format	Color
Hex	A96E89
RGB	169, 110, 137
RGB Percent	66%, 43%, 54%
CMY	0.3373, 0.5686, 0.4627
CMYK	0.00, 0.35, 0.19, 0.34
HSL	333°, 26%, 55%
HSV	333°, 35%, 66%
XYZ	26.4535, 21.3930, 26.4019
YIQ	130.7190, 26.4970, 20.9050

Conversions

Conversions Part 2

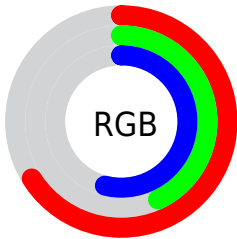
Format	Color
R_{YB}	169, 110, 137
Decimal	11103881
CIE _{Lab}	53.38, 27.41, -5.10
CIE _{LCh}	53, 27.883, 349.460
Yxy	21.3930, 0.3563, 0.2881
Android (android.graphics.Color)	4289293961 (0xFFA96E89)
YUV	130.7190, 3.0965, 33.5724
Hunter-Lab	46.2526, 21.1486, -1.4671

Details

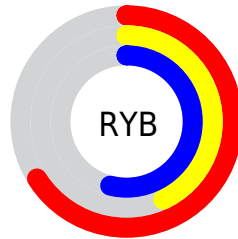
The XYZ color **26.4535, 21.3930, 26.4019** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.5018, 33.6446, 30.7428**, and the grayscale version is **21.4564, 22.5738, 24.5829**.

A 20% lighter version of the original color is **53.2659, 45.5659, 54.7029**, and **10.5915, 7.7386, 9.9523** is the 20% darker color. If you saturate the color by 10%, you get **24.1712, 17.8362, 22.5336**, and if you desaturate by 10%, it is **29.1407, 25.6696, 30.6813**.

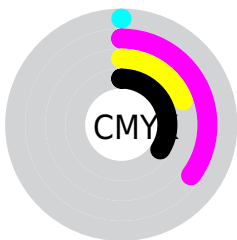
Distribution



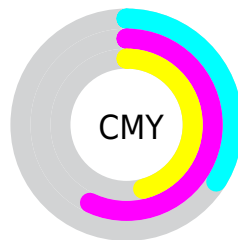
- Red (66%)
- Green (43%)
- Blue (54%)



- Red (66%)
- Yellow (43%)
- Blue (54%)



- Cyan (0%)
- Magenta (35%)
- Yellow (19%)
- Black (34%)



- Cyan (34%)
- Magenta (57%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4535, 21.3930, 26.4019 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 26.4535, 21.3930, 26.4019 by changing the saturation by 10% instead.


 26.4535, 21.3930,
26.4019


 26.4535, 21.3930,
26.4019


277.2173,
259.3598, 298.4175


 17.2977, 13.4116,
16.8961


 53.4318, 45.7407,
54.9146


 10.5436, 7.7126,
9.9993


 71.9849, 62.8757,
74.7586

 5.8258, 3.9116,
5.2929


 94.4012, 83.8308,
98.8857

 2.7791, 1.6242,
2.3584

 121.0460,
108.9902, 127.7146

 1.0381, 0.3738,
0.7636

152.2846,
138.7384, 161.6636

 0.0000, 0.0000,
0.0000

188.4825,

173.4598, 201.1514

230.0049,
213.5388, 246.5965

■ 26.4535, 21.3930,
26.4019

■ 26.4535, 21.3930,
26.4019

■ 24.1712, 17.8362,
22.5336

■ 29.1407, 25.6696,
30.6813

■ 22.2707, 14.9561,
19.0612

■ 32.2505, 30.7002,
35.3836

■ 20.7293, 12.7093,
15.9703

■ 35.8018, 36.5201,
40.5216

■ 19.5212, 11.0464,
13.2448

■ 39.8117, 43.1617,
46.1073

■ 18.6164, 9.9103,
10.8671

■ 44.2966, 50.6556,
52.1521

■ 17.9787, 9.2311,
8.8170

■ 49.2717, 59.0307,
58.6668

■ 17.7137, 8.9756,
7.8820

■ 54.7519, 68.3146,
65.6619

■ 60.7512, 78.5336,
73.1478

■ 64.9746, 85.0960,
80.3646

Harmonies

Analogous

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



24.9694, 21.3930, 35.5663



26.4535, 21.3930, 26.4019



26.1816, 21.3930, 18.2771

Triad

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



26.4535, 21.3930, 26.4019



18.4968, 21.3930, 11.0629



16.8560, 21.3930, 37.9950

Complementary

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



26.4535, 21.3930, 26.4019



25.5018, 33.6446, 30.7428

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.



15.4282, 21.3930, 29.1525



26.4535, 21.3930, 26.4019



16.3100, 21.3930, 14.2287

Square

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



26.4535, 21.3930, 26.4019



21.3917, 21.3930, 10.6685



15.2385, 21.3930, 20.4389



19.3106, 21.3930, 43.2584

Rectangle

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



26.4535, 21.3930, 26.4019



25.0485, 21.3930, 14.3987



15.2385, 21.3930, 20.4389



16.2506, 21.3930, 35.2554

Sweetspot

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



26.4541, 21.3940, 26.4023



60.6662, 59.7322, 67.6235



23.8023, 19.7213, 40.0885



13.0386, 12.7179, 14.4718



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.



26.4541, 21.3940, 26.4023



44.1117, 33.2130, 41.7901



24.9680, 21.1428, 17.5180



7.6685, 7.5973, 8.5716



13.2283, 6.7000, 6.0135



0.3478, 0.1734, 0.2832

Inverse Universe

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



26.4541, 21.3940, 26.4023



44.1117, 33.2130, 41.7901



27.4174, 33.8298, 42.6212



7.6685, 7.5973, 8.5716



13.2283, 6.7000, 6.0135



0.3478, 0.1734, 0.2832

Previews

White Background



This preview shows how the XYZ color 26.4535, 21.3930, 26.4019 looks on a white background.

Color Contrast Check

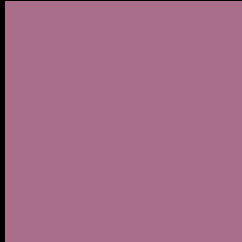
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4535, 21.3930, 26.4019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

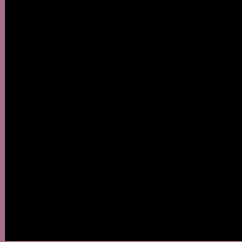
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4535, 21.3930, 26.4019

Background



This preview shows how black text looks on a background with the XYZ color 26.4535, 21.3930, 26.4019.



This preview shows how white text looks on a background with the XYZ color 26.4535, 21.3930,

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

26.4535, 21.3930, 26.4019

Protanopia

21.2468, 21.6019, 31.0667

Deuteranopia

21.8273, 21.4549, 25.5450



Tritanopia

25.2927, 21.4062, 20.8879

Trichromacy



Original Color

26.4535, 21.3930, 26.4019

Protanomaly

22.6866, 21.2638, 29.2942

Deuteranomaly

23.3644, 21.3325, 25.8078

Tritanomaly

25.7734, 21.4455, 22.8597

Monochromacy



Original Color

26.4535, 21.3930, 26.4019

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.9937, 21.8791, 25.2015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4535, 21.3930, 26.4019 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(169, 110, 137)` looks like.

```
.text, #text, p{  
    color:rgb(169, 110, 137)  
}
```

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(169, 110, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 110, 137) }
```

Border

The CSS property to change the border of an element to XYZ 26.4535, 21.3930, 26.4019 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(169, 110, 137) }
```


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

```
.border{ border-color:rgb(169, 110, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 110, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 110, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 110, 137);  
box-shadow:4px 4px 4px 4px rgb(169, 110,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4535, 21.3930, 26.4019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 110, 137) }
```

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

```
.background{ background-color: rgb(169,  
110, 137) }
```

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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