

Converting Colors

XYZ(26.3138, 21.4567, 24.0520)

Have a look what the booklet for
XYZ(26.3138, 21.4567, 24.0520)
contains.

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Color

**XYZ(26.3587, 21.5536,
24.2437)**

Conversions

Conversions Part 1

Format	Color
Hex	AA6F83
RGB	170, 111, 131
RGB Percent	67%, 44%, 51%
CMY	0.3333, 0.5647, 0.4863
CMYK	0.00, 0.35, 0.23, 0.33
HSL	340°, 26%, 55%
HSV	340°, 35%, 67%
XYZ	26.3587, 21.5536, 24.2437
YIQ	130.9210, 28.7440, 18.7280

Conversions

Conversions Part 2

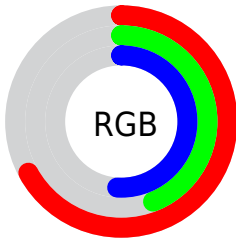
Format	Color
R_{YB}	170, 111, 131
Decimal	11169667
CIE _{Lab}	53.55, 26.28, -1.31
CIE _{LCh}	54, 26.308, 357.153
Yxy	21.5536, 0.3653, 0.2987
Android (android.graphics.Color)	4289359747 (0xFFAA6F83)
YUV	130.9210, 0.0389, 34.2723
Hunter-Lab	46.4259, 20.0997, 1.5367

Details

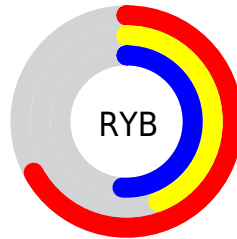
The XYZ color **26.3587, 21.5536, 24.2437** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.4362, 34.3315, 34.0891**, and the grayscale version is **21.5384, 22.6601, 24.6768**.

A 20% lighter version of the original color is **53.1130, 45.8238, 51.3929**, and **10.4481, 7.7674, 8.9312** is the 20% darker color. If you saturate the color by 10%, you get **23.9565, 17.9026, 19.8868**, and if you desaturate by 10%, it is **29.1978, 25.9457, 29.1544**.

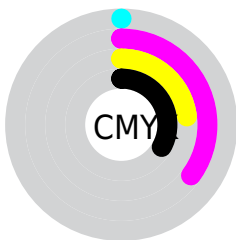
Distribution



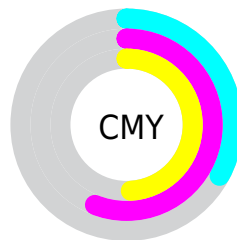
- Red (67%)
- Green (44%)
- Blue (51%)



- Red (67%)
- Yellow (44%)
- Blue (51%)



- Cyan (0%)
- Magenta (35%)
- Yellow (23%)
- Black (33%)




- Cyan (33%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3587, 21.5536, 24.2437 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 26.3587, 21.5536, 24.2437 by changing the saturation by 10% instead.


 26.3587, 21.5536,
24.2437


 26.3587, 21.5536,
24.2437


276.7630,
260.2061, 287.3764


 17.2263, 13.5293,
15.3006


 53.2802, 46.0071,
51.3764


 10.4922, 7.7940,
8.8817


 71.8001, 63.2050,
70.4031

 5.7913, 3.9634,
4.5683

 94.1797, 84.2296,
93.6281

 2.7580, 1.6531,
1.9420

 120.7846,
109.4652, 121.4699

 1.0271, 0.3930,
0.5193

151.9800,
139.2963, 154.3471

 0.0000, 0.0000,
0.0000

188.1313,

174.1072, 192.6782

229.6038,
214.2823, 236.8818

■ 26.3587, 21.5536,
24.2437

■ 26.3587, 21.5536,
24.2437

■ 23.9565, 17.9026,
19.8868

■ 29.1978, 25.9457,
29.1544

■ 21.9666, 14.9483,
16.0618

■ 32.4929, 31.1139,
34.6368

■ 20.3648, 12.6467,
12.7472


■ 36.2643, 37.0945,
40.7099


■ 19.1233, 10.9468,
9.9194


■ 40.5304, 43.9208,
47.3910


■ 18.2106, 9.7905,
7.5527


■ 45.3086, 51.6240,
54.6971


 17.5886, 9.1069,
5.6178

 50.6155, 60.2339,
62.6441

 17.3317, 8.8477,
4.7469

 56.4670, 69.7787,
71.2476

 62.8782, 80.2857,
80.5225

 66.9233, 85.9004,
89.5032

Harmonies

Analogous

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



25.3594, 21.5536, 32.8826



26.3587, 21.5536, 24.2437



25.6695, 21.5536, 17.1012

Triad

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



26.3587, 21.5536, 24.2437



18.1219, 21.5536, 12.2327



17.6978, 21.5536, 38.9838

Complementary

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



26.3587, 21.5536, 24.2437



26.4362, 34.3315, 34.0891

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.



16.0521, 21.5536, 31.2468



26.3587, 21.5536, 24.2437



16.2808, 21.5536, 16.0477

Square

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



26.3587, 21.5536, 24.2437



20.7551, 21.5536, 11.1746



15.5577, 21.5536, 22.7094



20.2194, 21.5536, 42.5227

Rectangle

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



26.3587, 21.5536, 24.2437



24.3770, 21.5536, 13.8674



15.5577, 21.5536, 22.7094



17.0329, 21.5536, 36.7123

Sweetspot

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



26.3593, 21.5546, 24.2441



61.9401, 61.1735, 67.6929



25.3993, 20.6948, 40.6861



13.6077, 13.3169, 14.7642



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.3593, 21.5546, 24.2441



44.2530, 33.6674, 37.5408



26.1460, 23.0917, 18.1193



7.6321, 7.5827, 8.3800



12.7732, 6.5180, 3.6172



0.3346, 0.1681, 0.2134

Inverse Universe

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



26.3593, 21.5546, 24.2441



44.2530, 33.6674, 37.5408



26.5831, 31.8246, 42.7720



7.6321, 7.5827, 8.3800



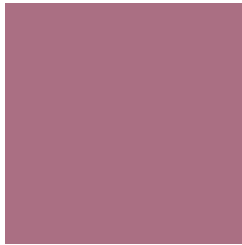
12.7732, 6.5180, 3.6172



0.3346, 0.1681, 0.2134

Previews

White Background



This preview shows how the XYZ color 26.3587, 21.5536, 24.2437 looks on a white background.

Color Contrast Check

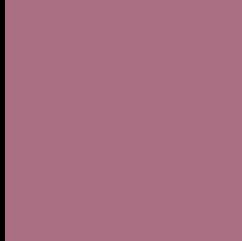
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3587, 21.5536, 24.2437 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 26.3587, 21.5536, 24.2437

Background



This preview shows how black text looks on a background with the XYZ color 26.3587, 21.5536, 24.2437.



This preview shows how white text looks on a background with the XYZ color 26.3587, 21.5536,

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

26.3587, 21.5536, 24.2437

Protanopia

21.1495, 21.6139, 28.2565

Deuteranopia

21.9853, 21.5757, 23.7747



Tritanopia

25.7185, 21.6257, 20.9078

Trichromacy



Original Color

26.3587, 21.5536, 24.2437

Protanomaly

22.6804, 21.3205, 26.5868

Deuteranomaly

23.3886, 21.3847, 24.0140

Tritanomaly

25.8580, 21.5040, 22.1899

Monochromacy



Original Color

26.3587, 21.5536, 24.2437

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.9814, 22.0737, 24.5221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3587, 21.5536, 24.2437 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(170, 111, 131)` looks like.

```
.text, #text, p{  
    color:rgb(170, 111, 131)  
}
```

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(170, 111, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 111, 131) }
```

Border

The CSS property to change the border of an element to XYZ 26.3587, 21.5536, 24.2437 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(170, 111, 131) }
```


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

```
.border{ border-color:rgb(170, 111, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 111, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 111, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 111, 131);  
box-shadow:4px 4px 4px 4px rgb(170, 111,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3587, 21.5536, 24.2437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 111, 131) }
```

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

```
.background{ background-color: rgb(170,  
111, 131) }
```

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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