

Converting Colors

XYZ(26.5514, 21.2099, 25.5002)

Have a look what the booklet for
XYZ(26.5514, 21.2099, 25.5002)
contains.

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Color

**XYZ(26.5303, 21.1323,
25.6023)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AB6C87 |
| RGB | 171, 108, 135 |
| RGB Percent | 67%, 42%, 53% |
| CMY | 0.3294, 0.5765, 0.4706 |
| CMYK | 0.00, 0.37, 0.21, 0.33 |
| HSL | 334°, 27%, 55% |
| HSV | 334°, 37%, 67% |
| XYZ | 26.5303, 21.1323, 25.6023 |
| YIQ | 129.9150, 28.8810, 21.7530 |

Conversions

Conversions Part 2

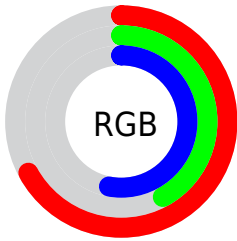
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 171, 108, 135 |
| Decimal | 11234439 |
| CIE _{Lab} | 53.09, 28.95, -4.32 |
| CIE _{LCh} | 53, 29.268, 351.519 |
| Yxy | 21.1323, 0.3621, 0.2884 |
| Android (android.graphics.Color) | 4289424519 (0xFFAB6C87) |
| YUV | 129.9150, 2.5069, 36.0315 |
| Hunter-Lab | 45.9699, 22.5693, -0.8418 |

Details

The XYZ color **26.5303, 21.1323, 25.6023** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.7822, 34.3281, 31.6543**, and the grayscale version is **21.1728, 22.2755, 24.2580**.

A 20% lighter version of the original color is **53.3265, 45.1033, 53.4722**, and **10.5398, 7.5657, 9.4992** is the 20% darker color. If you saturate the color by 10%, you get **24.2439, 17.6103, 21.6001**, and if you desaturate by 10%, it is **29.2348, 25.3890, 30.0560**.

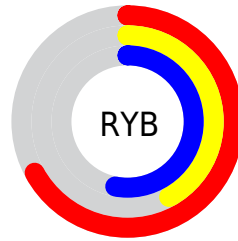
Distribution



Red (67%)

Green (42%)

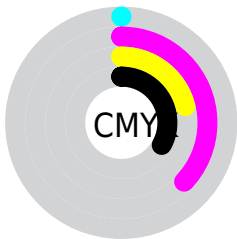
Blue (53%)



Red (67%)

Yellow (42%)

Blue (53%)

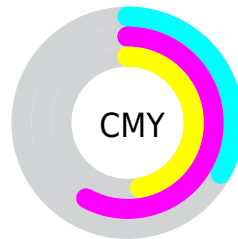


Cyan (0%)

Magenta (37%)

Yellow (21%)

Black (33%)



Cyan (33%)


Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5303, 21.1323, 25.6023 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 26.5303, 21.1323, 25.6023 by changing the saturation by 10% instead.


 26.5303, 21.1323,
25.6023


 26.5303, 21.1323,
25.6023


277.5849,
257.9808, 294.3674


 17.3555, 13.2207,
16.3033


 53.5544, 45.3076,
53.6088


 10.5852, 7.5807,
9.5823


 72.1345, 62.3402,
73.1534

 5.8539, 3.8279,
5.0210

 94.5805, 83.1818,
96.9503

 2.7962, 1.5777,
2.2006

 121.2576,
108.2170, 125.4179

 1.0469, 0.3425,
0.6747

152.5312,
137.8301, 158.9749

 0.0000, 0.0000,
0.0000

188.7667,

172.4055, 198.0398

230.3295,
212.3276, 243.0311

■ 26.5303, 21.1323,
25.6023

■ 26.5303, 21.1323,
25.6023

■ 24.2439, 17.6103,
21.6001

■ 29.2348, 25.3890,
30.0560

■ 22.3513, 14.7778,
18.0321

■ 32.3763, 30.4161,
34.9747

■ 20.8284, 12.5891,
14.8820


■ 35.9747, 36.2509,
40.3731


■ 19.6475, 10.9919,
12.1314

■ 40.0481, 42.9269,
46.2647


■ 18.7767, 9.9254,
9.7600


■ 44.6135, 50.4762,
52.6623


 18.1707, 9.3022,
7.7427

 49.6872, 58.9288,
59.5784

 18.0066, 9.1427,
7.1679

 55.2846, 68.3135,
67.0250

 61.4207, 78.6577,
75.0136

 65.8670, 85.5029,
82.8078

Harmonies

Analogous

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



25.0870, 21.1323, 35.2580



26.5303, 21.1323, 25.6023



26.1135, 21.1323, 17.3324

Triad

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



26.5303, 21.1323, 25.6023



17.9908, 21.1323, 10.5636



16.6216, 21.1323, 39.0025

Complementary

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



26.5303, 21.1323, 25.6023



25.7822, 34.3281, 31.6543

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.



15.0650, 21.1323, 29.8079



26.5303, 21.1323, 25.6023



15.7975, 21.1323, 13.9876

Square

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



26.5303, 21.1323, 25.6023



20.9716, 21.1323, 9.9815



14.7795, 21.1323, 20.5979



19.2249, 21.1323, 44.1895

Rectangle

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



26.5303, 21.1323, 25.6023



24.8536, 21.1323, 13.4991



14.7795, 21.1323, 20.5979



15.9701, 21.1323, 36.1815

Sweetspot

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



26.5309, 21.1333, 25.6027



61.5195, 60.1909, 67.9884



24.1634, 19.5688, 41.0319



13.5310, 13.1179, 14.8795



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.



26.5309, 21.1333, 25.6027



44.2047, 32.7361, 40.0978



25.3184, 21.3742, 16.9798



8.1424, 8.0702, 9.0605



13.5996, 6.9024, 5.5370



0.4061, 0.2031, 0.3002

Inverse Universe

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



26.5309, 21.1333, 25.6027



44.2047, 32.7361, 40.0978



27.3178, 33.6931, 43.5919



8.1424, 8.0702, 9.0605



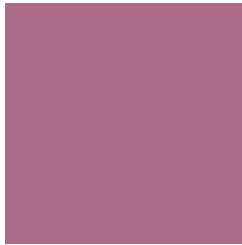
13.5996, 6.9024, 5.5370



0.4061, 0.2031, 0.3002

Previews

White Background



This preview shows how the XYZ color 26.5303, 21.1323, 25.6023 looks on a white background.

Color Contrast Check

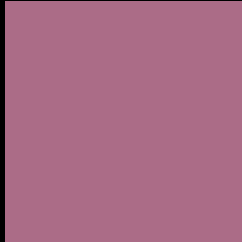
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5303, 21.1323, 25.6023 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 26.5303, 21.1323, 25.6023

Background



This preview shows how black text looks on a background with the XYZ color 26.5303, 21.1323, 25.6023.



This preview shows how white text looks on a background with the XYZ color 26.5303, 21.1323,

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

26.5303, 21.1323, 25.6023

Protanopia

20.9613, 21.2821, 30.1972

Deuteranopia

21.5643, 21.1502, 24.7756



Tritanopia

25.3764, 21.1358, 20.1949

Trichromacy



Original Color

26.5303, 21.1323, 25.6023

Protanomaly

22.4638, 20.8094, 28.4238

Deuteranomaly

23.1065, 21.0399, 25.0336

Tritanomaly

25.8552, 21.1786, 22.1272

Monochromacy



Original Color

26.5303, 21.1323, 25.6023

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.8014, 21.6048, 24.7982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5303, 21.1323, 25.6023 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(171, 108, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 108, 135)  
}
```

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(171, 108, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 108, 135) }
```

Border

The CSS property to change the border of an element to XYZ 26.5303, 21.1323, 25.6023 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(171, 108, 135) }
```


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

```
.border{ border-color:rgb(171, 108, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 108, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 108, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 108, 135);  
box-shadow:4px 4px 4px 4px rgb(171, 108,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5303, 21.1323, 25.6023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 108, 135) }
```

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

```
.background{ background-color: rgb(171,  
108, 135) }
```

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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