

Converting Colors

XYZ(26.0662, 20.5972, 24.3944)

Have a look what the booklet for
XYZ(26.0662, 20.5972, 24.3944)
contains.

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Color

**XYZ(26.1135, 20.6319,
24.4358)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6A84
RGB	171, 106, 132
RGB Percent	67%, 42%, 52%
CMY	0.3294, 0.5843, 0.4824
CMYK	0.00, 0.38, 0.23, 0.33
HSL	336°, 28%, 54%
HSV	336°, 38%, 67%
XYZ	26.1135, 20.6319, 24.4358
YIQ	128.3990, 30.3940, 21.8660

Conversions

Conversions Part 2

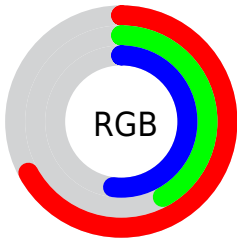
Format	Color
RYB	171, 106, 132
Decimal	11233924
CIELab	52.54, 29.60, -3.36
CIELCh	53, 29.787, 353.523
Yxy	20.6319, 0.3669, 0.2899
Android (android.graphics.Color)	4289424004 (0xFFAB6A84)
YUV	128.3990, 1.7753, 37.3611
Hunter-Lab	45.4224, 23.1313, -0.1005

Details

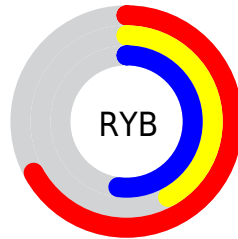
The XYZ color **26.1135, 20.6319, 24.4358** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.6185, 34.2349, 32.0475**, and the grayscale version is **20.6435, 21.7186, 23.6515**.

A 20% lighter version of the original color is **52.9787, 44.4505, 51.6865**, and **10.3606, 7.3327, 9.0529** is the 20% darker color. If you saturate the color by 10%, you get **23.8559, 17.1855, 20.3878**, and if you desaturate by 10%, it is **28.7927, 24.8106, 28.9655**.

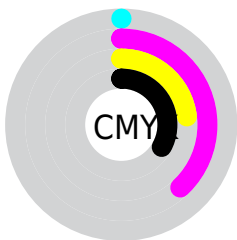
Distribution



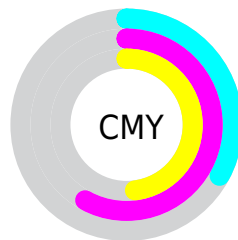
- Red (67%)
- Green (42%)
- Blue (52%)



- Red (67%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (38%)
- Yellow (23%)
- Black (33%)





- Cyan (33%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1135, 20.6319, 24.4358 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 26.1135, 20.6319, 24.4358 by changing the saturation by 10% instead.


 26.1135, 20.6319,
24.4358


 26.1135, 20.6319,
24.4358


275.5853,
255.3157, 288.3736


 17.0417, 12.8552,
15.4420


 52.8880, 44.4741,
51.6931


 10.3597, 7.3289,
8.9801


 71.3214, 61.3084,
70.7938

 5.7022, 3.6686,
4.6316

 93.6060, 81.9307,
94.1005

 2.7038, 1.4900,
1.9778

 120.1073,
106.7253, 122.0318

 0.9991, 0.2817,
0.5416

151.1904,
136.0768, 155.0062

 0.0000, 0.0000,
0.0000

187.2209,

170.3694, 193.4423

228.5641,
209.9876, 237.7586

■ 26.1135, 20.6319,
24.4358

■ 26.1135, 20.6319,
24.4358

■ 23.8559, 17.1855,
20.3878

■ 28.7927, 24.8106,
28.9655

■ 21.9952, 14.4257,
16.8029

■ 31.9130, 29.7581,
33.9922

■ 20.5066, 12.3062,
13.6627


■ 35.4946, 35.5116,
39.5319


■ 19.3618, 10.7736,
10.9471


■ 39.5560, 42.1054,
45.5993


■ 18.5278, 9.7658,
8.6338


■ 44.1146, 49.5716,
52.2088


 17.9510, 9.1796,
6.6927

 49.1870, 57.9406,
59.3739

 17.8502, 9.0802,
6.3441

 54.7889, 67.2414,
67.1078

 60.9354, 77.5017,
75.4232

 66.0562, 85.5786,
83.8040

Harmonies

Analogous

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



24.7764, 20.6319, 34.1520



26.1135, 20.6319, 24.4358



25.5666, 20.6319, 16.3441

Triad

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



26.1135, 20.6319, 24.4358



17.3367, 20.6319, 10.2117



16.2910, 20.6319, 39.0789

Complementary

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



26.1135, 20.6319, 24.4358



25.6185, 34.2349, 32.0475

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.



14.6589, 20.6319, 29.9492



26.1135, 20.6319, 24.4358



15.2169, 20.6319, 13.8037

Square

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



26.1135, 20.6319, 24.4358



20.2867, 20.6319, 9.4605



14.2873, 20.6319, 20.6024



18.9485, 20.6319, 43.9228

Rectangle

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



26.1135, 20.6319, 24.4358



24.2328, 20.6319, 12.6798



14.2873, 20.6319, 20.6024



15.6160, 20.6319, 36.3103

Sweetspot

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



26.1141, 20.6329, 24.4362



61.4339, 60.1566, 67.5378



24.1826, 19.2691, 40.9732



13.5100, 13.1095, 14.7685



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.



26.1141, 20.6329, 24.4362



43.1698, 31.4502, 37.3362



25.2464, 21.3985, 16.4365



8.1330, 8.0664, 9.0111



13.4809, 6.8549, 4.9119



0.4025, 0.2017, 0.2813

Inverse Universe

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



26.1141, 20.6329, 24.4362



43.1698, 31.4502, 37.3362



26.6604, 32.7353, 43.4418



8.1330, 8.0664, 9.0111



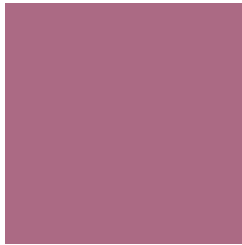
13.4809, 6.8549, 4.9119



0.4025, 0.2017, 0.2813

Previews

White Background



This preview shows how the XYZ color 26.1135, 20.6319, 24.4358 looks on a white background.

Color Contrast Check

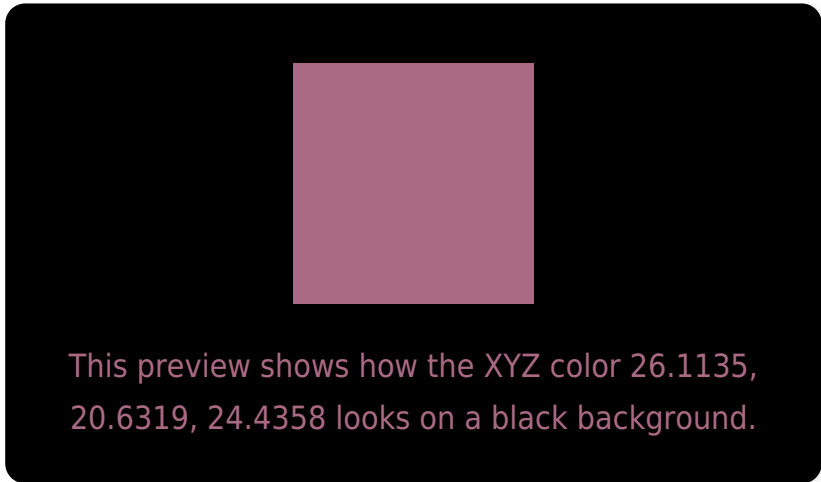
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 26.1135, 20.6319, 24.4358

Background



This preview shows how black text looks on a background with the XYZ color 26.1135, 20.6319, 24.4358.



This preview shows how white text looks on a background with the XYZ color 26.1135, 20.6319,

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

26.1135, 20.6319, 24.4358

Protanopia

20.5360, 20.8918, 29.3357

Deuteranopia

21.0753, 20.7383, 23.6610



Tritanopia

25.0417, 20.6566, 19.4969

Trichromacy



Original Color

26.1135, 20.6319, 24.4358

Protanomaly

22.0273, 20.4258, 27.5925

Deuteranomaly

22.6691, 20.4920, 23.8797

Tritanomaly

25.4530, 20.6763, 21.0618

Monochromacy



Original Color

26.1135, 20.6319, 24.4358

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.1805, 20.9472, 23.6431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1135, 20.6319, 24.4358 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, 106, 132)` looks like.

```
.text, #text, p{  
    color:rgb(171, 106, 132)  
}
```

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, 106, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 106, 132) }
```

Border

The CSS property to change the border of an element to XYZ 26.1135, 20.6319, 24.4358 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, 106, 132) }
```


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

```
.border{ border-color:rgb(171, 106, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 106, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 106, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 106, 132);  
box-shadow:4px 4px 4px 4px rgb(171, 106,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1135, 20.6319, 24.4358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 106, 132) }
```

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

```
.background{ background-color: rgb(171,  
106, 132) }
```

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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