

Converting Colors

XYZ(26.0618, 20.7431, 26.0389)

Have a look what the booklet for
XYZ(26.0618, 20.7431, 26.0389)
contains.

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Color

**XYZ(26.0638, 20.7280,
25.9197)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A96B88 |
| RGB | 169, 107, 136 |
| RGB Percent | 66%, 42%, 53% |
| CMY | 0.3373, 0.5804, 0.4667 |
| CMYK | 0.00, 0.37, 0.20, 0.34 |
| HSL | 332°, 26%, 54% |
| HSV | 332°, 37%, 66% |
| XYZ | 26.0638, 20.7280, 25.9197 |
| YIQ | 128.8440, 27.6430, 22.1630 |

Conversions

Conversions Part 2

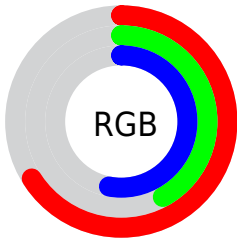
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 169, 107, 136 |
| Decimal | 11103112 |
| CIE _{Lab} | 52.65, 28.93, -5.59 |
| CIE _{LCh} | 53, 29.468, 349.067 |
| Yxy | 20.7280, 0.3585, 0.2851 |
| Android (android.graphics.Color) | 4289293192 (0xFFA96B88) |
| YUV | 128.8440, 3.5279, 35.2168 |
| Hunter-Lab | 45.5280, 22.5134, -1.8850 |

Details

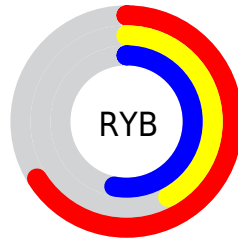
The XYZ color **26.0638, 20.7280, 25.9197** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.9859, 33.3957, 29.9417**, and the grayscale version is **20.7935, 21.8764, 23.8234**.

A 20% lighter version of the original color is **52.6348, 44.4779, 53.9551**, and **10.2630, 7.3428, 9.6805** is the 20% darker color. If you saturate the color by 10%, you get **23.8583, 17.2975, 22.1616**, and if you desaturate by 10%, it is **28.6685, 24.8707, 30.0761**.

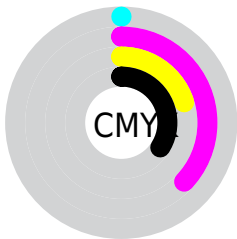
Distribution



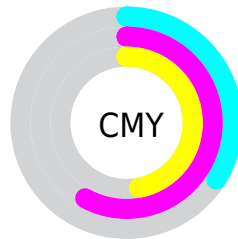
- Red (66%)
- Green (42%)
- Blue (53%)



- Red (66%)
- Yellow (42%)
- Blue (53%)



- Cyan (0%)
- Magenta (37%)
- Yellow (20%)
- Black (34%)





- Cyan (34%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0638, 20.7280, 25.9197 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 26.0638, 20.7280, 25.9197 by changing the saturation by 10% instead.


 26.0638, 20.7280,
25.9197


 26.0638, 20.7280,
25.9197


275.3461,
255.8294, 295.9806


 17.0043, 12.9253,
16.5383


 52.8084, 44.6344,
54.1279

 10.3329, 7.3771,
9.7474


 71.2243, 61.5069,
73.7918

 5.6842, 3.6991,
5.1284


 93.4896, 82.1715,
97.7203

 2.6928, 1.5067,
2.2627

 119.9698,
107.0126, 126.3319

 0.9935, 0.2934,
0.7102

151.0302,
136.4145, 160.0452

 0.0000, 0.0000,
0.0000

187.0361,

170.7617, 199.2787

228.3530,
210.4385, 244.4510

■ 26.0638, 20.7280,
25.9197

■ 26.0638, 20.7280,
25.9197

■ 23.8583, 17.2975,
22.1616

■ 28.6685, 24.8707,
30.0761

■ 22.0288, 14.5353,
18.7869

■ 31.6904, 29.7600,
34.6424

■ 20.5523, 12.3974,
15.7815

■ 35.1485, 35.4320,
39.6311

■ 19.4022, 10.8332,
13.1295

■ 39.0602, 41.9192,
45.0539

■ 18.5482, 9.7841,
10.8134

■ 43.4417, 49.2525,
50.9219

■ 17.9471, 9.1663,
8.8112

■ 48.3085, 57.4610,
57.2458

■ 17.7751, 9.0002,
8.2057

■ 53.6753, 66.5726,
64.0357

■ 59.5564, 76.6137,
71.3017

■ 64.6417, 84.9628,
78.6122

Harmonies

Analogous

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



24.4908, 20.7280, 35.5127



26.0638, 20.7280, 25.9197



25.8043, 20.7280, 17.4984

Triad

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



26.0638, 20.7280, 25.9197



17.8405, 20.7280, 10.0922



16.0912, 20.7280, 37.8493

Complementary

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



26.0638, 20.7280, 25.9197



24.9859, 33.3957, 29.9417

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.



14.6456, 20.7280, 28.5358



26.0638, 20.7280, 25.9197



15.5809, 20.7280, 13.2287

Square

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



26.0638, 20.7280, 25.9197



20.8389, 20.7280, 9.7347



14.4690, 20.7280, 19.5208



18.6060, 20.7280, 43.4952

Rectangle

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



26.0638, 20.7280, 25.9197



24.6336, 20.7280, 13.5255



14.4690, 20.7280, 19.5208



15.4757, 20.7280, 34.9467

Sweetspot

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



26.0644, 20.7290, 25.9201



60.0551, 58.6948, 66.8497



23.0730, 18.8730, 39.9631



12.9162, 12.5090, 14.3203



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.



26.0644, 20.7290, 25.9201



43.4251, 32.0498, 40.9131



24.3829, 20.2298, 16.5308



7.6716, 7.5985, 8.5881



13.2743, 6.7184, 6.2558



0.3490, 0.1739, 0.2892

Inverse Universe

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



26.0644, 20.7290, 25.9201



43.4251, 32.0498, 40.9131



27.2220, 33.9838, 42.6611



7.6716, 7.5985, 8.5881



13.2743, 6.7184, 6.2558



0.3490, 0.1739, 0.2892

Previews

White Background



This preview shows how the XYZ color 26.0638, 20.7280, 25.9197 looks on a white background.

Color Contrast Check

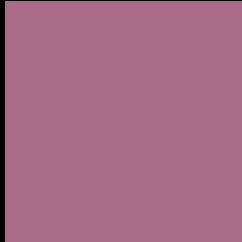
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0638, 20.7280, 25.9197 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 26.0638, 20.7280, 25.9197

Background



This preview shows how black text looks on a background with the XYZ color 26.0638, 20.7280, 25.9197.



This preview shows how white text looks on a background with the XYZ color 26.0638, 20.7280,

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

26.0638, 20.7280, 25.9197

Protanopia

20.6261, 20.9114, 30.5530

Deuteranopia

21.1848, 20.7634, 25.0815



Tritanopia

24.7823, 20.6754, 19.8241

Trichromacy



Original Color

26.0638, 20.7280, 25.9197

Protanomaly

22.0838, 20.4290, 28.7658

Deuteranomaly

22.6970, 20.6469, 25.3432

Tritanomaly

25.3188, 20.7428, 22.0713

Monochromacy



Original Color

26.0638, 20.7280, 25.9197

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.5038, 21.2700, 24.7492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0638, 20.7280, 25.9197 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, 107, 136)` looks like.

```
.text, #text, p{  
    color:rgb(169, 107, 136)  
}
```

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, 107, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 107, 136) }
```

Border

The CSS property to change the border of an element to XYZ 26.0638, 20.7280, 25.9197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

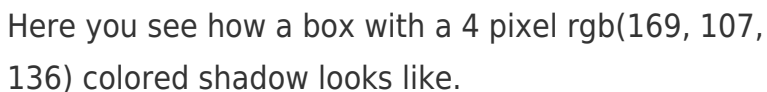
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 107, 136) }
```


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

```
.border{ border-color:rgb(169, 107, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 107, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 107, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 107, 136); box-shadow:4px 4px 4px 4px rgb(169, 107, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0638, 20.7280, 25.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 107, 136) }
```

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

```
.background{ background-color: rgb(169,  
107, 136) }
```

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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