

Converting Colors

XYZ(26.4661, 21.1327, 26.6504)

Have a look what the booklet for
XYZ(26.4661, 21.1327, 26.6504)
contains.

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Color

**XYZ(26.5276, 21.1061,
26.7205)**

Conversions

Conversions Part 1

Format	Color
Hex	AA6C8A
RGB	170, 108, 138
RGB Percent	67%, 42%, 54%
CMY	0.3333, 0.5765, 0.4588
CMYK	0.00, 0.36, 0.19, 0.33
HSL	331°, 27%, 55%
HSV	331°, 36%, 67%
XYZ	26.5276, 21.1061, 26.7205
YIQ	129.9580, 27.3220, 22.4740

Conversions

Conversions Part 2

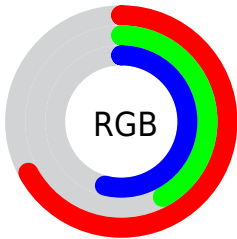
Format	Color
R _Y B	170, 108, 138
Decimal	11168906
CIE Lab	53.07, 29.06, -6.14
CIE LCh	53, 29.701, 348.075
Yxy	21.1061, 0.3568, 0.2839
Android (android.graphics.Color)	4289358986 (0xFFAA6C8A)
YUV	129.9580, 3.9647, 35.1168
Hunter-Lab	45.9414, 22.6726, -2.3254

Details

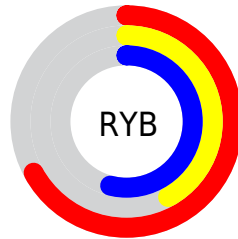
The XYZ color **26.5276, 21.1061, 26.7205** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.2936, 33.8317, 30.0095**, and the grayscale version is **21.1834, 22.2866, 24.2701**.

A 20% lighter version of the original color is **53.3388, 45.0720, 55.1787**, and **10.5279, 7.5455, 10.1341** is the 20% darker color. If you saturate the color by 10%, you get **24.2966, 17.6200, 22.9682**, and if you desaturate by 10%, it is **29.1607, 25.3139, 30.8606**.

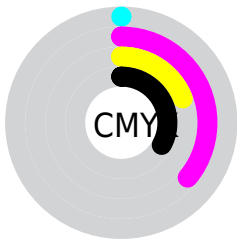
Distribution



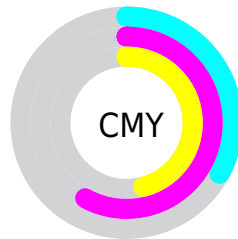
- Red (67%)
- Green (42%)
- Blue (54%)



- Red (67%)
- Yellow (42%)
- Blue (54%)



- Cyan (0%)
- Magenta (36%)
- Yellow (19%)
- Black (33%)



- Cyan (33%)
- Magenta (58%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5276, 21.1061, 26.7205 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 26.5276, 21.1061, 26.7205 by changing the saturation by 10% instead.


 26.5276, 21.1061,
26.7205

 26.5276, 21.1061,
26.7205


277.5720,
257.8418, 300.0185


 17.3535, 13.2016,
17.1328


 53.5501, 45.2640,
55.4333


 10.5837, 7.5675,
10.1663


 72.1293, 62.2863,
75.3955

 5.8529, 3.8195,
5.4023

 94.5742, 83.1165,
99.6530

 2.7956, 1.5731,
2.4224

 121.2501,
108.1392, 128.6243

 1.0466, 0.3394,
0.7986

152.5225,
137.7386, 162.7280

 0.0000, 0.0000,
0.0000

188.7567,

172.2993, 202.3826

230.3181,
212.2056, 248.0066

■ 26.5276, 21.1061,
26.7205

■ 26.5276, 21.1061,
26.7205

■ 24.2966, 17.6200,
22.9682

■ 29.1607, 25.3139,
30.8606

■ 22.4444, 14.8112,
19.5892

■ 32.2141, 30.2784,
35.3996

■ 20.9477, 12.6354,
16.5698


■ 35.7068, 36.0359,
40.3496


■ 19.7799, 11.0413,
13.8948


■ 39.6564, 42.6194,
45.7219


■ 18.9103, 9.9695,
11.5473


■ 44.0792, 50.0602,
51.5272


 18.2966, 9.3380,
9.5060

 48.9908, 58.3876,
57.7757

 18.1104, 9.1592,
8.8468

 54.4061, 67.6300,
64.4774

 60.3394, 77.8141,
71.6419

 64.8586, 85.0745,
78.6298

Harmonies

Analogous

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



24.8679, 21.1061, 36.4918



26.5276, 21.1061, 26.7205



26.3273, 21.1061, 18.0480

Triad

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



26.5276, 21.1061, 26.7205



18.2549, 21.1061, 10.2034



16.3104, 21.1061, 38.2962

Complementary

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



26.5276, 21.1061, 26.7205



25.2936, 33.8317, 30.0095

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.



14.8769, 21.1061, 28.7397



26.5276, 21.1061, 26.7205



15.9168, 21.1061, 13.2997

Square

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



26.5276, 21.1061, 26.7205



21.3272, 21.1061, 9.9280



14.7408, 21.1061, 19.6077



18.8454, 21.1061, 44.2458

Rectangle

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



26.5276, 21.1061, 26.7205



25.1683, 21.1061, 13.9239



14.7408, 21.1061, 19.6077



15.6956, 21.1061, 35.3003

Sweetspot

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



26.5282, 21.1071, 26.7209



61.6862, 60.2575, 68.8663



23.2666, 19.1174, 40.4944



13.5722, 13.1344, 15.0961



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.



26.5282, 21.1071, 26.7209



44.7107, 32.9385, 42.7626



24.6477, 20.3549, 16.8183



7.6766, 7.6005, 8.6144



13.3501, 6.7487, 6.6550



0.3508, 0.1746, 0.2986

Inverse Universe

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



26.5282, 21.1071, 26.7209



44.7107, 32.9385, 42.7626



27.8155, 34.8405, 43.2895



7.6766, 7.6005, 8.6144



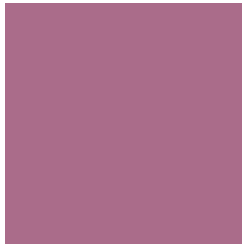
13.3501, 6.7487, 6.6550



0.3508, 0.1746, 0.2986

Previews

White Background



This preview shows how the XYZ color 26.5276, 21.1061, 26.7205 looks on a white background.

Color Contrast Check

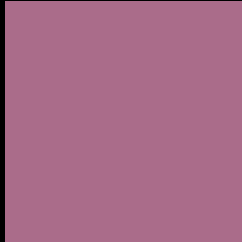
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5276, 21.1061, 26.7205 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 26.5276, 21.1061, 26.7205

Background



This preview shows how black text looks on a background with the XYZ color 26.5276, 21.1061, 26.7205.



This preview shows how white text looks on a background with the XYZ color 26.5276, 21.1061,

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

26.5276, 21.1061, 26.7205

Protanopia

20.9919, 21.2613, 31.8516

Deuteranopia

21.6095, 21.1494, 25.8650



Tritanopia

25.2231, 21.0498, 20.5029

Trichromacy



Original Color

26.5276, 21.1061, 26.7205

Protanomaly

22.4326, 20.7579, 30.0185

Deuteranomaly

23.1351, 21.0303, 26.1325

Tritanomaly

25.7689, 21.1192, 22.7969

Monochromacy



Original Color

26.5276, 21.1061, 26.7205

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.8702, 21.6323, 25.1604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5276, 21.1061, 26.7205 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, 108, 138)` looks like.

```
.text, #text, p{  
    color:rgb(170, 108, 138)  
}
```

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, 108, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 108, 138) }
```

Border

The CSS property to change the border of an element to XYZ 26.5276, 21.1061, 26.7205 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, 108, 138) }
```


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

```
.border{ border-color:rgb(170, 108, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 108, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 108, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 108, 138); box-shadow:4px 4px 4px 4px rgb(170, 108, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5276, 21.1061, 26.7205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 108, 138) }
```

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

```
.background{ background-color: rgb(170,  
108, 138) }
```

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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