

Converting Colors

XYZ(26.2851, 21.6934, 25.1072)

Have a look what the booklet for
XYZ(26.2851, 21.6934, 25.1072)
contains.

XYZ(26.1763, 21.6066, 24.9812)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.1763, 21.6066,
24.9812)**

Conversions

Conversions Part 1

Format	Color
Hex	A87085
RGB	168, 112, 133
RGB Percent	66%, 44%, 52%
CMY	0.3412, 0.5608, 0.4784
CMYK	0.00, 0.33, 0.21, 0.34
HSL	338°, 24%, 55%
HSV	338°, 33%, 66%
XYZ	26.1763, 21.6066, 24.9812
YIQ	131.1380, 26.6350, 18.4030

Conversions

Conversions Part 2

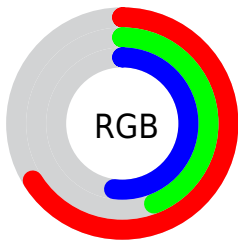
Format	Color
R_{YB}	168, 112, 133
Decimal	11038853
CIE Lab	53.61, 25.28, -2.43
CIE LCh	54, 25.392, 354.519
Yxy	21.6066, 0.3597, 0.2969
Android (android.graphics.Color)	4289228933 (0xFFA87085)
YUV	131.1380, 0.9180, 32.3280
Hunter-Lab	46.4829, 19.1751, 0.6739

Details

The XYZ color **26.1763, 21.6066, 24.9812** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.9521, 33.5572, 32.7147**, and the grayscale version is **21.6133, 22.7389, 24.7627**.

A 20% lighter version of the original color is **52.8789, 45.9434, 52.5353**, and **10.4480, 7.8399, 9.3501** is the 20% darker color. If you saturate the color by 10%, you get **23.8031, 17.9637, 20.7881**, and if you desaturate by 10%, it is **28.9691, 25.9723, 29.6725**.

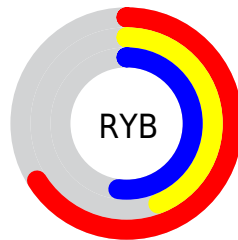
Distribution



Red (66%)

Green (44%)

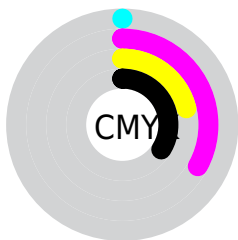
Blue (52%)



Red (66%)

Yellow (44%)

Blue (52%)

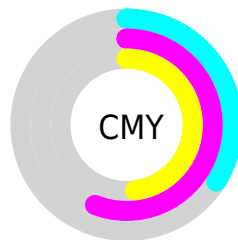


Cyan (0%)

Magenta (33%)

Yellow (21%)

Black (34%)



Cyan (34%)


Magenta (56%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1763, 21.6066, 24.9812 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 26.1763, 21.6066, 24.9812 by changing the saturation by 10% instead.


 26.1763, 21.6066,
24.9812

 26.1763, 21.6066,
24.9812


275.8873,
260.4849, 291.1890


 17.0890, 13.5681,
15.8442


 52.9885, 46.0949,
52.5905


 10.3936, 7.8209,
9.2608


 71.4441, 63.3136,
71.8998

 5.7250, 3.9806,
4.8125

 93.7531, 84.3610,
95.4369

 2.7176, 1.6627,
2.0809

 120.2809,
109.6218, 123.6204

 1.0063, 0.3993,
0.6044

151.3929,
139.4801, 156.8688

 0.0000, 0.0000,
0.0000

187.4544,

174.3205, 195.6007

228.8307,
214.5273, 240.2346

■ 26.1763, 21.6066,
24.9812

■ 26.1763, 21.6066,
24.9812

■ 23.8031, 17.9637,
20.7881

■ 28.9691, 25.9723,
29.6725

■ 21.8264, 15.0011,
17.0743

■ 32.1995, 31.0940,
34.8774

■ 20.2233, 12.6766,
13.8215


■ 35.8866, 37.0067,
40.6120


■ 18.9678, 10.9420,
11.0095

■ 40.0479, 43.7423,
46.8915

■ 18.0304, 9.7422,
8.6163

■ 44.6998, 51.3308,
53.7303


 17.3760, 9.0111,
6.6174

 49.8580, 59.8008,
61.1422

 17.0457, 8.6837,
5.4796

 55.5375, 69.1795,
69.1406

 61.7527, 79.4929,
77.7385

 65.8437, 85.4190,
86.0572

Harmonies

Analogous

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



25.0817, 21.6066, 33.3015



26.1763, 21.6066, 24.9812



25.6551, 21.6066, 17.8570

Triad

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



26.1763, 21.6066, 24.9812



18.4477, 21.6066, 12.3871



17.6562, 21.6066, 37.9014

Complementary

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



26.1763, 21.6066, 24.9812



25.9521, 33.5572, 32.7147

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.



16.1484, 21.6066, 30.2832



26.1763, 21.6066, 24.9812



16.5764, 21.6066, 15.8792

Square

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



26.1763, 21.6066, 24.9812



21.0385, 21.6066, 11.5721



15.7711, 21.6066, 22.1283



20.0424, 21.6066, 41.7412

Rectangle

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



26.1763, 21.6066, 24.9812



24.4831, 21.6066, 14.5321



15.7711, 21.6066, 22.1283



17.0385, 21.6066, 35.6262

Sweetspot

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



26.1769, 21.6076, 24.9816



60.4453, 59.6439, 66.4602



24.8120, 20.5766, 39.7101



12.9847, 12.6963, 14.1879



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.



26.1769, 21.6076, 24.9816



44.2417, 34.1929, 39.6140



25.6153, 22.5785, 18.3384



7.6431, 7.5871, 8.4378



12.8953, 6.5668, 4.2601



0.3386, 0.1697, 0.2346

Inverse Universe

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



26.1769, 21.6076, 24.9816



44.2417, 34.1929, 39.6140



26.5773, 31.9257, 41.8077



7.6431, 7.5871, 8.4378



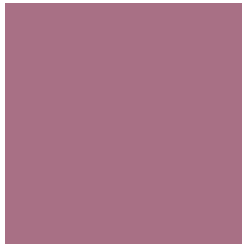
12.8953, 6.5668, 4.2601



0.3386, 0.1697, 0.2346

Previews

White Background



This preview shows how the XYZ color 26.1763, 21.6066, 24.9812 looks on a white background.

Color Contrast Check

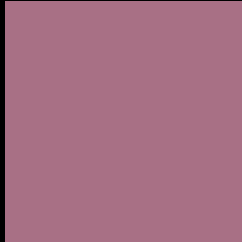
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1763, 21.6066, 24.9812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

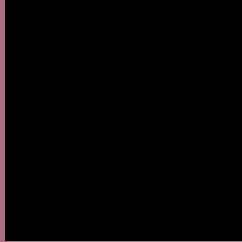
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1763, 21.6066, 24.9812

Background



This preview shows how black text looks on a background with the XYZ color 26.1763, 21.6066, 24.9812.



This preview shows how white text looks on a background with the XYZ color 26.1763, 21.6066,

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

26.1763, 21.6066, 24.9812

Protanopia

21.3541, 21.9034, 28.6935

Deuteranopia

22.1196, 21.6294, 24.4818



Tritanopia

25.4665, 21.6553, 21.2500

Trichromacy



Original Color

26.1763, 21.6066, 24.9812

Protanomaly

22.7751, 21.5339, 27.3822

Deuteranomaly

23.4590, 21.5829, 24.7593

Tritanomaly

25.6074, 21.5321, 22.5451

Monochromacy



Original Color

26.1763, 21.6066, 24.9812

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.8741, 22.0105, 24.8727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1763, 21.6066, 24.9812 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(168, 112, 133)` looks like.

```
.text, #text, p{  
    color:rgb(168, 112, 133)  
}
```

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(168, 112, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 112, 133) }
```

Border

The CSS property to change the border of an element to XYZ 26.1763, 21.6066, 24.9812 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(168, 112, 133) }
```


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

```
.border{ border-color:rgb(168, 112, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 112, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 112, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 112, 133);  
box-shadow:4px 4px 4px 4px rgb(168, 112,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1763, 21.6066, 24.9812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 112, 133) }
```

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

```
.background{ background-color: rgb(168,  
112, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor