

Converting Colors

XYZ(26.3549, 21.8204, 25.1720)

Have a look what the booklet for
XYZ(26.3549, 21.8204, 25.1720)
contains.

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Color

**XYZ(26.2872, 21.8285,
25.0181)**

Conversions

Conversions Part 1

Format	Color
Hex	A87185
RGB	168, 113, 133
RGB Percent	66%, 44%, 52%
CMY	0.3412, 0.5568, 0.4784
CMYK	0.00, 0.33, 0.21, 0.34
HSL	338°, 24%, 55%
HSV	338°, 33%, 66%
XYZ	26.2872, 21.8285, 25.0181
YIQ	131.7250, 26.3600, 17.8800

Conversions

Conversions Part 2

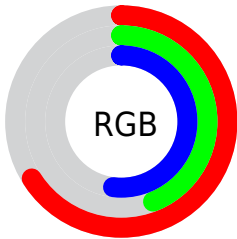
Format	Color
R_{YB}	168, 113, 133
Decimal	11039109
CIE _{Lab}	53.84, 24.71, -2.08
CIE _{LCh}	54, 24.799, 355.198
Yxy	21.8285, 0.3594, 0.2985
Android (android.graphics.Color)	4289229189 (0xFFA87185)
YUV	131.7250, 0.6286, 31.8132
Hunter-Lab	46.7210, 18.6699, 0.9561

Details

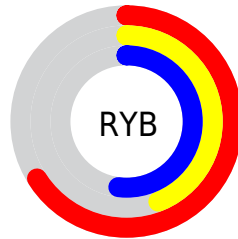
The XYZ color **26.2872, 21.8285, 25.0181** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.1589, 33.6547, 33.1359**, and the grayscale version is **21.8248, 22.9614, 25.0049**.

A 20% lighter version of the original color is **53.0585, 46.3027, 52.5952**, and **10.5039, 7.9517, 9.3687** is the 20% darker color. If you saturate the color by 10%, you get **23.8821, 18.1407, 20.7557**, and if you desaturate by 10%, it is **29.1157, 26.2423, 29.7931**.

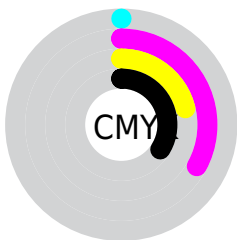
Distribution



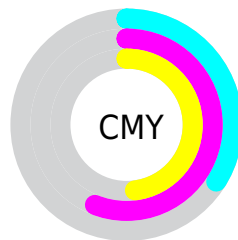
- Red (66%)
- Green (44%)
- Blue (52%)



- 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 26.2872, 21.8285, 25.0181 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 26.2872, 21.8285, 25.0181 by changing the saturation by 10% instead.

 26.2872, 21.8285,
25.0181


 26.2872, 21.8285,
25.0181

276.4200,
261.6493, 291.3786


 17.1724, 13.7309,
15.8714


 53.1659, 46.4624,
52.6511


 10.4536, 7.9338,
9.2798


 71.6606, 63.7675,
71.9744

 5.7653, 4.0526,
4.8249

 94.0126, 84.9106,
95.5271

 2.7422, 1.7030,
2.0879

 120.5872,
110.2760, 123.7275

 1.0189, 0.4256,
0.6086

151.7500,
140.2482, 156.9944

 0.0000, 0.0000,
0.0000

187.8661,

175.2116, 195.7462

229.3010,
215.5505, 240.4014

■ 26.2872, 21.8285,
25.0181

■ 26.2872, 21.8285,
25.0181

■ 23.8821, 18.1407,
20.7557

■ 29.1157, 26.2423,
29.7931

■ 21.8771, 15.1367,
16.9864

■ 32.3856, 31.4153,
35.0966

■ 20.2495, 12.7743,
13.6913

■ 36.1160, 37.3824,
40.9453

■ 18.9734, 11.0058,
10.8496

■ 40.3245, 44.1753,
47.3549

■ 18.0191, 9.7763,
8.4384

■ 45.0276, 51.8241,
54.3402

■ 17.3521, 9.0206,
6.4326

■ 50.2409, 60.3571,
61.9157

■ 16.9931, 8.6627,
5.2033

■ 55.9796, 69.8018,
70.0951

■ 62.2580, 80.1840,
78.8919

■ 66.0828, 85.5146,
87.3165

Harmonies

Analogous

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



25.2484, 21.8285, 33.1716



26.2872, 21.8285, 25.0181



25.7409, 21.8285, 18.0482

Triad

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



26.2872, 21.8285, 25.0181



18.6402, 21.8285, 12.8032



17.9565, 21.8285, 37.9782

Complementary

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



26.2872, 21.8285, 25.0181



26.1589, 33.6547, 33.1359

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.



16.4454, 21.8285, 30.5830



26.2872, 21.8285, 25.0181



16.8157, 21.8285, 16.3334

Square

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



26.2872, 21.8285, 25.0181



21.1795, 21.8285, 11.9329



16.0462, 21.8285, 22.5593



20.3211, 21.8285, 41.6074

Rectangle

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



26.2872, 21.8285, 25.0181



24.5739, 21.8285, 14.7972



16.0462, 21.8285, 22.5593



17.3402, 21.8285, 35.7825

Sweetspot

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



26.2878, 21.8295, 25.0185



60.4151, 59.6318, 66.3012



25.1564, 20.9189, 39.7579



12.9774, 12.6934, 14.1491



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.



26.2878, 21.8295, 25.0185



44.5773, 34.8061, 39.9043



25.8865, 23.0314, 18.7051



7.6396, 7.5857, 8.4195



12.8553, 6.5508, 4.0494



0.3373, 0.1692, 0.2279

Inverse Universe

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



26.2878, 21.8295, 25.0185



44.5773, 34.8061, 39.9043



26.5654, 31.7119, 41.7669



7.6396, 7.5857, 8.4195



12.8553, 6.5508, 4.0494



0.3373, 0.1692, 0.2279

Previews

White Background



This preview shows how the XYZ color 26.2872, 21.8285, 25.0181 looks on a white background.

Color Contrast Check

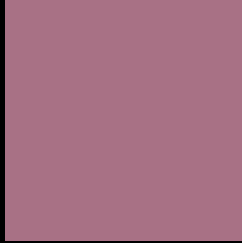
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2872, 21.8285, 25.0181 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 26.2872, 21.8285, 25.0181

Background



This preview shows how black text looks on a background with the XYZ color 26.2872, 21.8285, 25.0181.



This preview shows how white text looks on a background with the XYZ color 26.2872, 21.8285,

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

26.2872, 21.8285, 25.0181

Protanopia

21.3541, 21.9034, 28.6935

Deuteranopia

22.4149, 21.9686, 24.5317



Tritanopia

25.6422, 21.9070, 21.6159

Trichromacy



Original Color

26.2872, 21.8285, 25.0181

Protanomaly

22.8985, 21.7808, 27.4233

Deuteranomaly

23.7647, 21.9200, 24.8082

Tritanomaly

25.7844, 21.7824, 22.9241

Monochromacy



Original Color

26.2872, 21.8285, 25.0181

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.1755, 22.3529, 24.9229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2872, 21.8285, 25.0181 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, 113, 133)` looks like.

```
.text, #text, p{  
    color:rgb(168, 113, 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, 113, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 113, 133) }
```

Border

The CSS property to change the border of an element to XYZ 26.2872, 21.8285, 25.0181 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, 113, 133) }
```


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

```
.border{ border-color:rgb(168, 113, 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, 113, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 113, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 113, 133);  
box-shadow:4px 4px 4px 4px rgb(168, 113,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2872, 21.8285, 25.0181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 113, 133) }
```

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

```
.background{ background-color: rgb(168,  
113, 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](#).

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