

Converting Colors

XYZ(28.2138, 26.4306, 25.6606)

Have a look what the booklet for
XYZ(28.2138, 26.4306, 25.6606)
contains.

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Color

**XYZ(28.3471, 26.5755,
25.8258)**

Conversions

Conversions Part 1

Format	Color
Hex	A68585
RGB	166, 133, 133
RGB Percent	65%, 52%, 52%
CMY	0.3490, 0.4784, 0.4784
CMYK	0.00, 0.20, 0.20, 0.35
HSL	0°, 16%, 59%
HSV	0°, 20%, 65%
XYZ	28.3471, 26.5755, 25.8258
YIQ	142.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

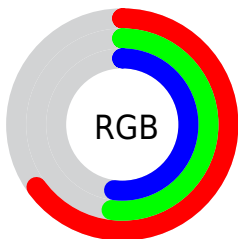
Format	Color
R_{YB}	166, 133, 133
Decimal	10913157
CIE _{Lab}	58.58, 12.60, 4.78
CIE _{LCh}	59, 13.476, 20.788
Yxy	26.5755, 0.3511, 0.3291
Android (android.graphics.Color)	4289103237 (0xFFA68585)
YUV	142.8670, -4.8644, 20.2876
Hunter-Lab	51.5514, 7.9386, 6.3834

Details

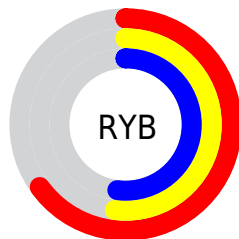
The XYZ color **28.3471, 26.5755, 25.8258** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.1918, 35.0114, 41.2434**, and the grayscale version is **26.0693, 27.4269, 29.8679**.

A 20% lighter version of the original color is **56.5460, 54.1926, 53.9343**, and **11.6329, 10.4040, 9.7826** is the 20% darker color. If you saturate the color by 10%, you get **25.1940, 21.9619, 19.5567**, and if you desaturate by 10%, it is **32.0420, 31.9823, 33.1704**.

Distribution



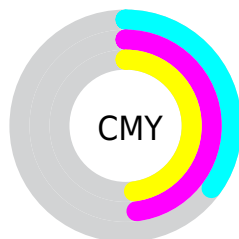
- Red (65%)
- Green (52%)
- Blue (52%)



- Red (65%)
- Yellow (52%)
- Blue (52%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (35%)




- Cyan (35%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3471, 26.5755, 25.8258 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 28.3471, 26.5755, 25.8258 by changing the saturation by 10% instead.

 28.3471, 26.5755,
25.8258


 28.3471, 26.5755,
25.8258


286.1719,
285.5959, 295.5041


 18.7293, 17.2547,
16.4688

 56.4429, 54.2019,
53.9744

 11.5777, 10.4162,
9.6985

 75.6516, 73.2763,
73.6031

 6.5269, 5.6758,
5.0966


 98.7879, 96.3707,
97.4927

 3.2117, 2.6490,
2.2443

126.2173,
123.8694, 126.0618

 1.2667, 0.9513,
0.6998

158.3050,
156.1569, 159.7290

 0.1581, 0.0000,
0.0000

195.4164,

 0.0000, 0.0000,

193.6175, 198.9127

0.0000

237.9169,
236.6357, 244.0316

■ 28.3471, 26.5755,
25.8258

■ 28.3471, 26.5755,
25.8258

■ 25.1940, 21.9619,
19.5567

■ 32.0420, 31.9823,
33.1704

■ 22.5553, 18.1007,
14.3111

■ 36.3002, 38.2132,
41.6358

■ 20.4044, 14.9532,
10.0351

■ 41.1448, 45.3020,
51.2669

■ 18.7113, 12.4756,
6.6694

■ 46.5967, 53.2795,
62.1055

■ 17.4429, 10.6195,
4.1481

■ 52.6759, 62.1750,
74.1913

■ 16.5616, 9.3299,
2.3964

■ 59.4016, 72.0164,
87.5623

■ 16.0233, 8.5421,
1.3264

■ 66.7920, 82.8304,
102.2549

■ 15.7295, 8.1122,
0.7425

■ 69.5361, 86.8471,
107.7060

■ 15.7262, 8.1074,
0.7360

Harmonies

Analogous

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



28.5266, 26.5755, 30.4172



28.3471, 26.5755, 25.8258



27.3212, 26.5755, 22.4439

Triad

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



28.3471, 26.5755, 25.8258



22.8769, 26.5755, 23.5572



24.7541, 26.5755, 38.8780

Complementary

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



28.3471, 26.5755, 25.8258



30.1918, 35.0114, 41.2434

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.



23.3036, 26.5755, 36.5734



28.3471, 26.5755, 25.8258



22.2514, 26.5755, 27.5040

Square

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



28.3471, 26.5755, 25.8258



24.1484, 26.5755, 21.2367



22.4041, 26.5755, 32.2868



26.4036, 26.5755, 38.3026

Rectangle

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



28.3471, 26.5755, 25.8258



26.3191, 26.5755, 21.1671



22.4041, 26.5755, 32.2868



24.2282, 26.5755, 38.4059

Sweetspot

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



28.3478, 26.5767, 25.8264



60.9421, 62.1260, 65.7460



30.9967, 27.6356, 39.7773



13.5329, 13.7493, 14.5044



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.



28.3478, 26.5767, 25.8264



48.7153, 44.2349, 41.4392



30.7866, 31.4543, 26.6393



7.5312, 7.5424, 7.8482



12.1948, 6.2869, 0.5708



0.2967, 0.1530, 0.0139

Inverse Universe

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



30.1918, 35.0114, 41.2434



52.7000, 62.4616, 74.7540



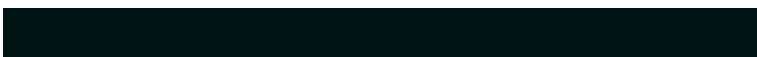
27.3829, 29.3935, 40.3071



7.7475, 8.5319, 9.6568



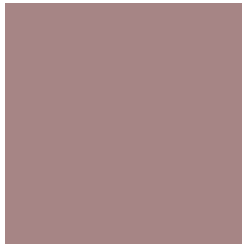
15.9094, 23.2791, 31.6303



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 28.3471, 26.5755, 25.8258 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 28.3471, 26.5755, 25.8258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

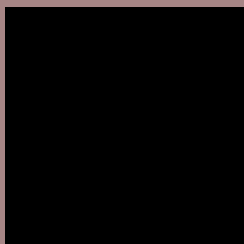
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3471, 26.5755, 25.8258

Background



This preview shows how black text looks on a background with the XYZ color 28.3471, 26.5755, 25.8258.



This preview shows how white text looks on a background with the XYZ color 28.3471, 26.5755,

25.8258.

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

28.3471, 26.5755, 25.8258

Protanopia

25.3950, 26.4916, 27.4418

Deuteranopia

27.0696, 26.5434, 25.5265



Tritanopia

29.0701, 26.6710, 29.2070

Trichromacy



Original Color

28.3471, 26.5755, 25.8258

Protanomaly

26.3385, 26.3443, 26.9893

Deuteranomaly

27.5268, 26.5710, 25.5077

Tritanomaly

28.8478, 26.5821, 28.0365

Monochromacy



Original Color

28.3471, 26.5755, 25.8258

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.6553, 26.9086, 28.2151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3471, 26.5755, 25.8258 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(166, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 133, 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(166, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 133, 133) }
```

Border

The CSS property to change the border of an element to XYZ 28.3471, 26.5755, 25.8258 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(166, 133, 133) }
```


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

```
.border{ border-color:rgb(166, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 133,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3471, 26.5755, 25.8258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 133, 133) }
```

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

```
.background{ background-color: rgb(166,  
133, 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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