

Converting Colors

XYZ(30.9645, 26.7676, 28.8803)

Have a look what the booklet for
XYZ(30.9645, 26.7676, 28.8803)
contains.

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Color

**XYZ(30.8870, 26.8264,
28.7494)**

Conversions

Conversions Part 1

Format	Color
Hex	B2808D
RGB	178, 128, 141
RGB Percent	70%, 50%, 55%
CMY	0.3020, 0.4980, 0.4471
CMYK	0.00, 0.28, 0.21, 0.30
HSL	344°, 25%, 60%
HSV	344°, 28%, 70%
XYZ	30.8870, 26.8264, 28.7494
YIQ	144.4320, 25.6270, 14.6430

Conversions

Conversions Part 2

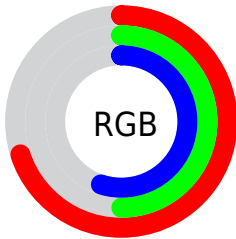
Format	Color
RYB	178, 128, 141
Decimal	11698317
CIELab	58.81, 21.28, 0.68
CIElCh	59, 21.295, 1.832
Yxy	26.8264, 0.3572, 0.3103
Android (android.graphics.Color)	4289888397 (0xFFB2808D)
YUV	144.4320, -1.6920, 29.4391
Hunter-Lab	51.7942, 15.8070, 3.3459

Details

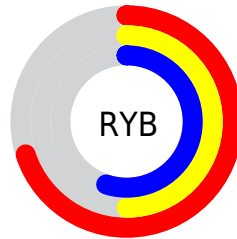
The XYZ color **30.8870, 26.8264, 28.7494** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.6151, 39.1473, 41.4891**, and the grayscale version is **26.6835, 28.0731, 30.5716**.

A 20% lighter version of the original color is **60.3059, 54.4803, 58.9670**, and **12.9249, 10.4892, 11.2409** is the 20% darker color. If you saturate the color by 10%, you get **27.8432, 22.2150, 23.1832**, and if you desaturate by 10%, it is **34.4562, 32.3015, 35.0666**.

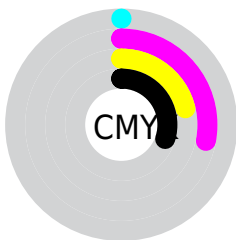
Distribution



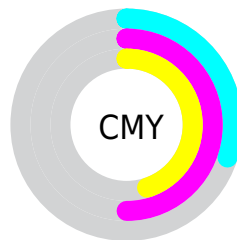
- Red (70%)
- Green (50%)
- Blue (55%)



- Red (70%)
- Yellow (50%)
- Blue (55%)



- Cyan (0%)
- Magenta (28%)
- Yellow (21%)
- Black (30%)





- Cyan (30%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8870, 26.8264, 28.7494 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 30.8870, 26.8264, 28.7494 by changing the saturation by 10% instead.


 30.8870, 26.8264,
28.7494


 30.8870, 26.8264,
28.7494


297.8536,
286.8156, 310.0546

 20.6642, 17.4429,
18.6474


 60.4392, 54.6052,
58.7161

 12.9898, 10.5508,
11.2415

 80.4993, 73.7692,
79.4179

 7.4985, 5.7656,
6.1133


 104.5692, 96.9622,
104.4900

 3.8248, 2.7031,
2.8442

133.0143,
124.5686, 134.3510

 1.6035, 0.9788,
1.0156

166.1999,
156.9727, 169.4194

 0.3947, 0.0000,
0.0000

204.4915,

 0.0000, 0.0000,

194.5590, 210.1138

0.0000

248.2542,
237.7118, 256.8527

■ 30.8870, 26.8264,
28.7494

■ 30.8870, 26.8264,
28.7494

■ 27.8432, 22.2150,
23.1832

■ 34.4562, 32.3015,
35.0666

■ 25.2972, 18.4194,
18.3378

■ 38.5722, 38.6775,
42.1600

■ 23.2222, 15.3927,
14.1833


■ 43.2577, 45.9941,
50.0559


■ 21.5880, 13.0817,
10.6870

■ 48.5339, 54.2873,
58.7786


■ 20.3605, 11.4262,
7.8135


■ 54.4203, 63.5916,
68.3515


 19.5006, 10.3563,
5.5233


 60.9360, 73.9393,
78.7969

 18.9471, 9.7589,
3.7676

 68.0990, 85.3616,
90.1364

 18.8587, 9.6644,
3.4844

 70.8138, 87.6625,
100.6866

 72.1702, 88.2050,
107.8292

Harmonies

Analogous

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



30.2150, 26.8264, 36.5846



30.8870, 26.8264, 28.7494



30.0346, 26.8264, 22.2244

Triad

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



30.8870, 26.8264, 28.7494



22.9252, 26.8264, 18.5619



23.1867, 26.8264, 43.9088

Complementary

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



30.8870, 26.8264, 28.7494



31.6151, 39.1473, 41.4891

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.



21.4424, 26.8264, 37.5231



30.8870, 26.8264, 28.7494



21.2988, 26.8264, 22.8986

Square

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



30.8870, 26.8264, 28.7494



25.3366, 26.8264, 17.0048



20.7748, 26.8264, 29.6743



25.6595, 26.8264, 46.1857

Rectangle

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



30.8870, 26.8264, 28.7494



28.7484, 26.8264, 19.2481



20.7748, 26.8264, 29.6743



22.5018, 26.8264, 42.1232

Sweetspot

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



30.8877, 26.8276, 28.7499



69.9074, 70.0758, 76.3852



31.2038, 26.6177, 45.6129



15.2262, 15.1183, 16.4764



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.8877, 26.8276, 28.7499



52.3183, 43.0396, 45.4220



31.5867, 29.6836, 24.4883



8.5840, 8.5403, 9.3080



13.5160, 6.9240, 2.6113



0.4497, 0.2276, 0.2106

Inverse Universe

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



30.8877, 26.8276, 28.7499



52.3183, 43.0396, 45.4220



30.6358, 35.1982, 47.2990



8.5840, 8.5403, 9.3080



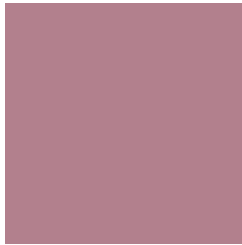
13.5160, 6.9240, 2.6113



0.4497, 0.2276, 0.2106

Previews

White Background



This preview shows how the XYZ color 30.8870, 26.8264, 28.7494 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 30.8870, 26.8264, 28.7494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

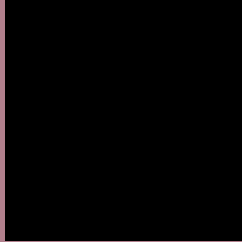
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.8870, 26.8264, 28.7494

Background



This preview shows how black text looks on a background with the XYZ color 30.8870, 26.8264, 28.7494.



This preview shows how white text looks on a background with the XYZ color 30.8870, 26.8264,

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

30.8870, 26.8264, 28.7494

Protanopia

26.1050, 26.9705, 32.2637

Deuteranopia

27.3162, 26.8233, 28.1638



Tritanopia

30.6667, 26.7383, 27.5895

Trichromacy



Original Color

30.8870, 26.8264, 28.7494

Protanomaly

27.5100, 26.6522, 30.8886

Deuteranomaly

28.5686, 26.8362, 28.4851

Tritanomaly

30.7395, 26.7674, 27.9726

Monochromacy



Original Color

30.8870, 26.8264, 28.7494

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.7567, 27.2280, 29.7792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8870, 26.8264, 28.7494 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(178, 128, 141)` looks like.

```
.text, #text, p{  
    color:rgb(178, 128, 141)  
}
```

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(178, 128, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 128, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.8870, 26.8264, 28.7494 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(178, 128, 141) }
```


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

```
.border{ border-color:rgb(178, 128, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 128, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 128, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 128, 141);  
box-shadow:4px 4px 4px 4px rgb(178, 128,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8870, 26.8264, 28.7494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 128, 141) }
```

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

```
.background{ background-color: rgb(178,  
128, 141) }
```

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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