

Converting Colors

XYZ(30.7659, 26.4974, 22.6396)

Have a look what the booklet for
XYZ(30.7659, 26.4974, 22.6396)
contains.

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Color

**XYZ(30.8661, 26.5673,
22.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	B87E7C
RGB	184, 126, 124
RGB Percent	72%, 49%, 49%
CMY	0.2784, 0.5059, 0.5137
CMYK	0.00, 0.32, 0.33, 0.28
HSL	2°, 30%, 60%
HSV	2°, 33%, 72%
XYZ	30.8661, 26.5673, 22.5700
YIQ	143.1140, 35.2100, 11.6740

Conversions

Conversions Part 2

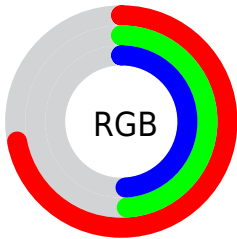
Format	Color
RYB	184, 126, 124
Decimal	12091004
CIELab	58.57, 22.25, 10.21
CIELCh	59, 24.478, 24.646
Yxy	26.5673, 0.3858, 0.3321
Android (android.graphics.Color)	4290281084 (0xFFB87E7C)
YUV	143.1140, -9.4232, 35.8570
Hunter-Lab	51.5435, 16.6912, 10.1184

Details

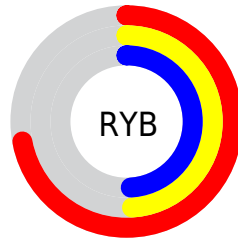
The XYZ color **30.8661, 26.5673, 22.5700** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **33.6912, 41.2002, 51.5241**, and the grayscale version is **26.1812, 27.5446, 29.9961**.

A 20% lighter version of the original color is **60.2322, 54.0756, 48.3373**, and **12.9077, 10.3440, 7.9729** is the 20% darker color. If you saturate the color by 10%, you get **27.7337, 21.9941, 16.3107**, and if you desaturate by 10%, it is **34.6214, 32.0385, 30.1087**.

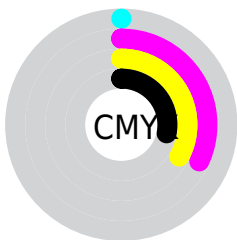
Distribution



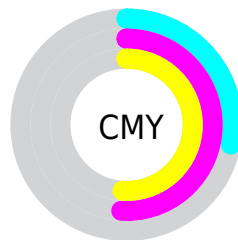
- Red (72%)
- Green (49%)
- Blue (49%)



- Red (72%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (32%)
- Yellow (33%)
- Black (28%)





- Cyan (28%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8661, 26.5673, 22.5700 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 30.8661, 26.5673, 22.5700 by changing the saturation by 10% instead.


 30.8661, 26.5673,
22.5700


 30.8661, 26.5673,
22.5700


297.7589,
285.5559, 278.5586


 20.6482, 17.2485,
14.0740


 60.4065, 54.1887,
48.6005

 12.9781, 10.4118,
8.0328

 80.4597, 73.2602,
66.9721

 7.4904, 5.6729,
4.0279


 104.5221, 96.3513,
89.4727

 3.8197, 2.6472,
1.6407

132.9590,
123.8465, 116.5207

 1.6006, 0.9505,
0.3196

166.1358,
156.1302, 148.5348

 0.3928, 0.0000,
0.0000

204.4178,

 0.0000, 0.0000,

193.5867, 185.9335

0.0000

248.1703,
236.6005, 229.1352

■ 30.8661, 26.5673,
22.5700

■ 30.8661, 26.5673,
22.5700

■ 27.7337, 21.9941,
16.3107

■ 34.6214, 32.0385,
30.1087

■ 25.1886, 18.2675,
11.2584

■ 39.0284, 38.4480,
38.9905

■ 23.1947, 15.3366,
7.3357

■ 44.1168, 45.8384,
49.2770

■ 21.7113, 13.1435,
4.4558

■ 49.9139, 54.2484,
61.0254

■ 20.6919, 11.6226,
2.5194

■ 56.4452, 63.7147,
74.2897

■ 20.0816, 10.6967,
1.4077

■ 63.7352, 74.2721,
89.1211

■ 19.8339, 10.3237,
0.9473

■ 71.8073, 85.9540,
105.5686

■ 73.5772, 88.9303,
107.8951

Harmonies

Analogous

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



31.4417, 26.5673, 30.4964



30.8661, 26.5673, 22.5700



28.7387, 26.5673, 17.4363

Triad

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



30.8661, 26.5673, 22.5700



20.8325, 26.5673, 20.3818



24.7170, 26.5673, 48.6921

Complementary

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



30.8661, 26.5673, 22.5700



33.6912, 41.2002, 51.5241

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.



22.0583, 26.5673, 44.6030



30.8661, 26.5673, 22.5700



19.9322, 26.5673, 27.4129

Square

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



30.8661, 26.5673, 22.5700



22.9213, 26.5673, 16.3592



20.3626, 26.5673, 36.3785



27.7343, 26.5673, 46.6923

Rectangle

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



30.8661, 26.5673, 22.5700



26.8099, 26.5673, 15.7411



20.3626, 26.5673, 36.3785



23.7545, 26.5673, 47.9633

Sweetspot

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



30.8668, 26.5686, 22.5705



72.8852, 72.8007, 74.9934



35.4185, 27.9833, 47.7906



15.4476, 15.3093, 15.6319



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.8668, 26.5686, 22.5705



51.8398, 42.1572, 32.6876



35.2939, 35.4227, 24.0462



9.0280, 9.0590, 9.3796



13.6798, 7.1359, 0.6564



0.4904, 0.2679, 0.0259

Inverse Universe

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



33.6912, 41.2002, 51.5241



57.7384, 72.7286, 93.1995



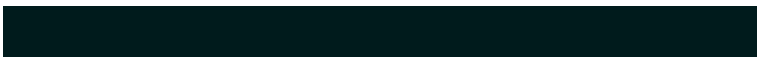
28.1924, 30.2025, 49.6912



9.2403, 10.1578, 11.5531



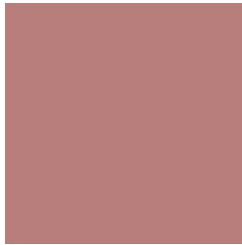
16.9258, 24.3113, 35.0535



0.6047, 0.8731, 1.2384

Previews

White Background



This preview shows how the XYZ color 30.8661, 26.5673, 22.5700 looks on a white background.

Color Contrast Check

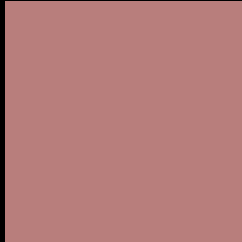
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8661, 26.5673, 22.5700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

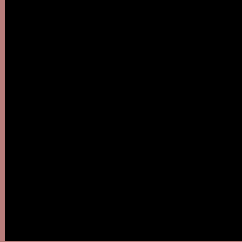
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.8661, 26.5673, 22.5700

Background



This preview shows how black text looks on a background with the XYZ color 30.8661, 26.5673, 22.5700.



This preview shows how white text looks on a background with the XYZ color 30.8661, 26.5673,

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

30.8661, 26.5673, 22.5700

Protanopia

25.5438, 26.8267, 25.6616

Deuteranopia

27.2173, 26.6948, 22.1305



Tritanopia

31.5183, 26.4508, 25.9986

Trichromacy



Original Color

30.8661, 26.5673, 22.5700

Protanomaly

27.2638, 26.6669, 24.4791

Deuteranomaly

28.4040, 26.4786, 22.3527

Tritanomaly

31.3705, 26.5932, 24.5987

Monochromacy



Original Color

30.8661, 26.5673, 22.5700

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.4901, 26.9380, 27.0432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8661, 26.5673, 22.5700 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(184, 126, 124)` looks like.

```
.text, #text, p{  
    color:rgb(184, 126, 124)  
}
```

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(184, 126, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 126, 124) }
```

Border

The CSS property to change the border of an element to XYZ 30.8661, 26.5673, 22.5700 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(184, 126, 124) }
```


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

```
.border{ border-color:rgb(184, 126, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 126, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 126, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 126, 124);  
box-shadow:4px 4px 4px 4px rgb(184, 126,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8661, 26.5673, 22.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 126, 124) }
```

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

```
.background{ background-color: rgb(184,  
126, 124) }
```

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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