

Converting Colors

XYZ(31.3972, 28.5422, 26.7760)

Have a look what the booklet for
XYZ(31.3972, 28.5422, 26.7760)
contains.

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Color

**XYZ(31.3972, 28.5422,
26.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	B28787
RGB	178, 135, 135
RGB Percent	70%, 53%, 53%
CMY	0.3020, 0.4706, 0.4706
CMYK	0.00, 0.24, 0.24, 0.30
HSL	0°, 22%, 61%
HSV	0°, 24%, 70%
XYZ	31.3972, 28.5422, 26.7760
YIQ	147.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

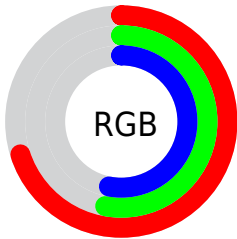
Format	Color
RYB	178, 135, 135
Decimal	11700103
CIELab	60.38, 16.43, 6.38
CIELCh	60, 17.628, 21.217
Yxy	28.5422, 0.3621, 0.3291
Android (android.graphics.Color)	4289890183 (0xFFB28787)
YUV	147.8570, -6.3385, 26.4354
Hunter-Lab	53.4249, 11.4088, 7.6819

Details

The XYZ color **31.3972, 28.5422, 26.7760** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.9474, 40.2047, 48.0906**, and the grayscale version is **28.1075, 29.5712, 32.2031**.

A 20% lighter version of the original color is **60.9920, 57.0897, 55.3817**, and **13.2004, 11.4380, 10.1063** is the 20% darker color. If you saturate the color by 10%, you get **27.9682, 23.5248, 19.9583**, and if you desaturate by 10%, it is **35.4525, 34.4764, 34.8369**.

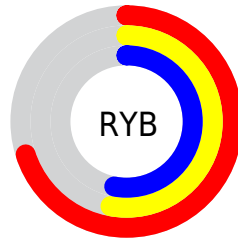
Distribution



Red (70%)

Green (53%)

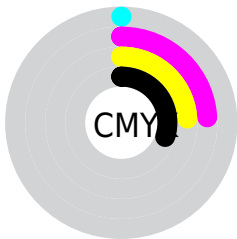
Blue (53%)



Red (70%)

Yellow (53%)

Blue (53%)

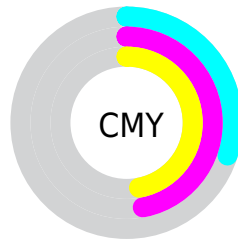


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (30%)



Cyan (30%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.3972, 28.5422, 26.7760 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 31.3972, 28.5422, 26.7760 by changing the saturation by 10% instead.


 31.3972, 28.5422,
26.7760


 31.3972, 28.5422,
26.7760


300.1584,
295.0488, 300.2967


 21.0548, 18.7348,
17.1741


 61.2365, 57.3489,
55.5236

 13.2768, 11.4788,
10.1954


 81.4641, 77.1170,
75.5063

 7.6977, 6.3898,
5.4214


 105.7174,
100.9741, 99.7865

 3.9523, 3.0836,
2.4336

134.3619,
129.3047, 128.7825

 1.6752, 1.1755,
0.8046

167.7629,
162.4930, 162.9130

 0.4407, 0.0416,
0.0000

206.2858,

 0.0000, 0.0000,

200.9235, 202.5965

0.0000

250.2958,
244.9806, 248.2516

■ 31.3972, 28.5422,
26.7760

■ 31.3972, 28.5422,
26.7760

■ 27.9682, 23.5248,
19.9583

■ 35.4525, 34.4764,
34.8369

■ 25.1320, 19.3747,
14.3202

■ 40.1606, 41.3656,
44.1966

■ 22.8559, 16.0439,
9.7954

■ 45.5493, 49.2507,
54.9095

■ 21.1026, 13.4784,
6.3102

■ 51.6442, 58.1692,
67.0264

■ 19.8308, 11.6172,
3.7820

■ 58.4696, 68.1565,
80.5955

■ 18.9925, 10.3905,
2.1158

■ 66.0485, 79.2463,
95.6627

■ 18.5302, 9.7139,
1.1970

■ 72.1701, 88.2050,
107.8292

■ 18.3603, 9.4653,
0.8593

Harmonies

Analogous

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



31.6673, 28.5422, 33.0225



31.3972, 28.5422, 26.7760



29.9508, 28.5422, 22.3284

Triad

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



31.3972, 28.5422, 26.7760



23.8712, 28.5422, 23.8972



26.4685, 28.5422, 45.1159

Complementary

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



31.3972, 28.5422, 26.7760



33.9474, 40.2047, 48.0906

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.



24.4894, 28.5422, 41.8573



31.3972, 28.5422, 26.7760



23.0456, 28.5422, 29.2106

Square

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



31.3972, 28.5422, 26.7760



25.5817, 28.5422, 20.8344



23.2654, 28.5422, 35.8169



28.7364, 28.5422, 44.2247

Rectangle

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



31.3972, 28.5422, 26.7760



28.5560, 28.5422, 20.6957



23.2654, 28.5422, 35.8169



25.7494, 28.5422, 44.4546

Sweetspot

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



31.3980, 28.5435, 26.7766



70.1713, 71.1254, 74.8648



35.0601, 30.0075, 46.0637



15.4326, 15.5912, 16.3600



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.



31.3980, 28.5435, 26.7766



53.4764, 46.6962, 41.6755



34.7060, 35.1595, 27.8793



8.4964, 8.5054, 8.8464



13.1370, 6.7726, 0.6148



0.4134, 0.2131, 0.0194

Inverse Universe

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



33.9474, 40.2047, 48.0906



58.9079, 71.5402, 87.0850



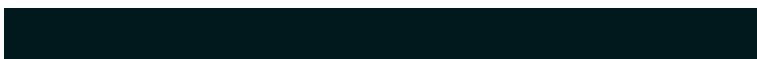
30.0003, 32.3106, 46.7749



8.7426, 9.6314, 10.9046



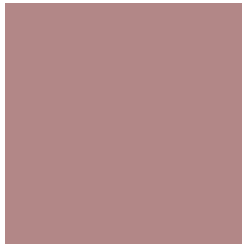
17.1388, 25.0780, 34.0742



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 31.3972, 28.5422, 26.7760 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 31.3972, 28.5422, 26.7760 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 31.3972, 28.5422, 26.7760

Background



This preview shows how black text looks on a background with the XYZ color 31.3972, 28.5422, 26.7760.



This preview shows how white text looks on a background with the XYZ color 31.3972, 28.5422,

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

31.3972, 28.5422, 26.7760

Protanopia

27.5108, 28.6579, 29.2809

Deuteranopia

29.1378, 28.6635, 26.5511



Tritanopia

32.1495, 28.6475, 30.2206

Trichromacy



Original Color

31.3972, 28.5422, 26.7760

Protanomaly

28.6823, 28.3874, 28.3937

Deuteranomaly

29.8979, 28.6215, 26.5030

Tritanomaly

31.9232, 28.5570, 29.0288

Monochromacy



Original Color

31.3972, 28.5422, 26.7760

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.0785, 28.9990, 30.0514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3972, 28.5422, 26.7760 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, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(178, 135, 135)  
}
```

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, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 135, 135) }
```

Border

The CSS property to change the border of an element to XYZ 31.3972, 28.5422, 26.7760 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, 135, 135) }
```


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

```
.border{ border-color:rgb(178, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(178, 135,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3972, 28.5422, 26.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 135, 135) }
```

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

```
.background{ background-color: rgb(178,  
135, 135) }
```

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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