

Converting Colors

XYZ(32.0979, 28.7045, 31.1587)

Have a look what the booklet for
XYZ(32.0979, 28.7045, 31.1587)
contains.

XYZ(32.2124, 28.8682, 31.0685)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.2124, 28.8682,
31.0685)**

Conversions

Conversions Part 1

Format	Color
Hex	B28792
RGB	178, 135, 146
RGB Percent	70%, 53%, 57%
CMY	0.3020, 0.4706, 0.4274
CMYK	0.00, 0.24, 0.18, 0.30
HSL	345°, 22%, 61%
HSV	345°, 24%, 70%
XYZ	32.2124, 28.8682, 31.0685
YIQ	149.1110, 22.0970, 12.5370

Conversions

Conversions Part 2

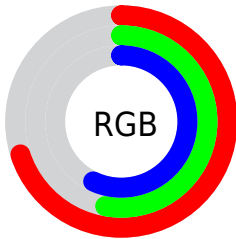
Format	Color
RYB	178, 135, 146
Decimal	11700114
CIELab	60.67, 18.15, 0.51
CIELCh	61, 18.157, 1.617
Yxy	28.8682, 0.3496, 0.3133
Android (android.graphics.Color)	4289890194 (0xFFB28792)
YUV	149.1110, -1.5337, 25.3357
Hunter-Lab	53.7291, 12.9907, 3.3264

Details

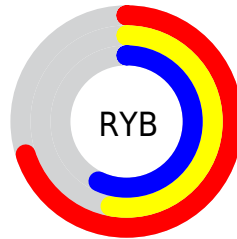
The XYZ color **32.2124, 28.8682, 31.0685** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.8883, 39.7825, 42.5065**, and the grayscale version is **28.6141, 30.1043, 32.7836**.

A 20% lighter version of the original color is **62.3402, 57.6290, 62.4814**, and **13.8173, 11.7015, 12.5967** is the 20% darker color. If you saturate the color by 10%, you get **28.9620, 23.9219, 25.1920**, and if you desaturate by 10%, it is **35.9991, 34.6953, 37.7136**.

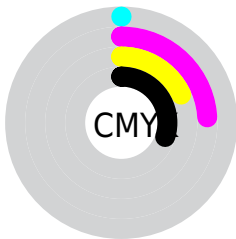
Distribution



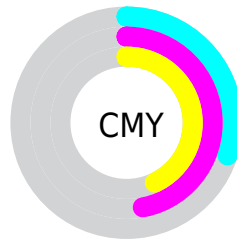
- Red (70%)
- Green (53%)
- Blue (57%)



- Red (70%)
- Yellow (53%)
- Blue (57%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (30%)




- Cyan (30%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2124, 28.8682, 31.0685 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 32.2124, 28.8682, 31.0685 by changing the saturation by 10% instead.


 32.2124, 28.8682,
31.0685


 32.2124, 28.8682,
31.0685


303.8138,
296.5926, 321.2147


 21.6801, 18.9811,
20.3921


 62.5069, 57.8676,
62.4287

 13.7373, 11.6567,
12.4935


 82.9998, 77.7488,
83.9497

 8.0187, 6.5103,
6.9541


 107.5436,
101.7301, 109.9225

 4.1588, 3.1578,
3.3554

136.5037,
130.1959, 140.7659

 1.7924, 1.2147,
1.2788

170.2454,
163.5307, 176.8982

 0.5131, 0.0736,
0.0444

209.1340,

 0.0000, 0.0000,

202.1188, 218.7381

0.0000

253.5351,
246.3446, 266.7041

■ 32.2124, 28.8682,
31.0685

■ 32.2124, 28.8682,
31.0685

■ 28.9620, 23.9219,
25.1920

■ 35.9991, 34.6953,
37.7136

■ 26.2207, 19.8096,
20.0542

■ 40.3427, 41.4393,
45.1522

■ 23.9628, 16.4861,
15.6254

■ 45.2657, 49.1388,
53.4105

■ 22.1589, 13.9003,
11.8736

■ 50.7886, 57.8293,
62.5127

■ 20.7767, 11.9950,
8.7639

■ 56.9309, 67.5443,
72.4820

■ 19.7790, 10.7047,
6.2581

■ 63.7113, 78.3159,
83.3408

■ 19.1220, 9.9505,
4.3134

■ 69.6609, 87.2013,
94.6151

■ 18.8441, 9.6586,
3.4071

■ 71.6880, 88.0121,
105.2894

■ 72.1703, 88.2051,
107.8292

Harmonies

Analogous

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



31.6131, 28.8682, 38.0010



32.2124, 28.8682, 31.0685



31.4730, 28.8682, 25.1192

Triad

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



32.2124, 28.8682, 31.0685



25.1349, 28.8682, 21.6418



25.3440, 28.8682, 44.2616

Complementary

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



32.2124, 28.8682, 31.0685



32.8883, 39.7825, 42.5065

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.



23.7641, 28.8682, 38.7240



32.2124, 28.8682, 31.0685



23.6484, 28.8682, 25.6683

Square

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



32.2124, 28.8682, 31.0685



27.3109, 28.8682, 20.1809



23.1610, 28.8682, 31.7995



27.5662, 28.8682, 46.2402

Rectangle

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



32.2124, 28.8682, 31.0685



30.3437, 28.8682, 22.3328



23.1610, 28.8682, 31.7995



24.7247, 28.8682, 42.7191

Sweetspot

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



32.2132, 28.8695, 31.0691



70.7144, 71.3421, 77.7264



32.5388, 28.7084, 45.9462



15.5619, 15.6428, 17.0414



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.



32.2132, 28.8695, 31.0691



55.1461, 47.3623, 50.4733



32.8647, 31.4765, 27.2666



8.5826, 8.5398, 9.3004



13.5053, 6.9197, 2.5547



0.4491, 0.2274, 0.2075

Inverse Universe

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



32.2132, 28.8695, 31.0691



55.1461, 47.3623, 50.4733



32.0251, 36.3592, 47.4500



8.5826, 8.5398, 9.3004



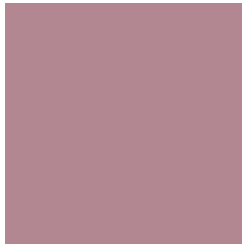
13.5053, 6.9197, 2.5547



0.4491, 0.2274, 0.2075

Previews

White Background



This preview shows how the XYZ color 32.2124, 28.8682, 31.0685 looks on a white background.

Color Contrast Check

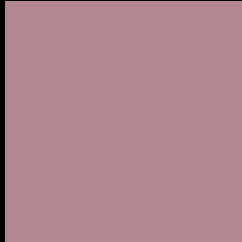
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2124, 28.8682, 31.0685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

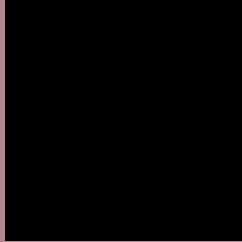
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2124, 28.8682, 31.0685

Background



This preview shows how black text looks on a background with the XYZ color 32.2124, 28.8682, 31.0685.



This preview shows how white text looks on a background with the XYZ color 32.2124, 28.8682,

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

32.2124, 28.8682, 31.0685

Protanopia

28.1591, 29.1207, 33.8425

Deuteranopia

29.4818, 28.9674, 30.8255



Tritanopia

32.2124, 28.8682, 31.0685

Trichromacy



Original Color

32.2124, 28.8682, 31.0685

Protanomaly

29.4761, 28.9189, 32.8825

Deuteranomaly

30.2798, 28.7251, 30.7366

Tritanomaly

32.2124, 28.8682, 31.0685

Monochromacy



Original Color

32.2124, 28.8682, 31.0685

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.8158, 29.5582, 32.1508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2124, 28.8682, 31.0685 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(178, 135, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 135, 146) }
```

Border

The CSS property to change the border of an element to XYZ 32.2124, 28.8682, 31.0685 is called "border". The border property can be set on classes, ids or directly on the HTML element.

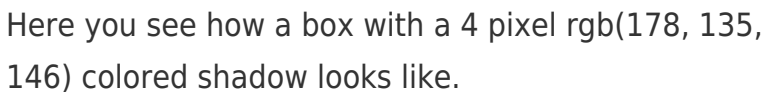
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 135, 146) }
```


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

```
.border{ border-color:rgb(178, 135, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 135, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 135, 146); box-shadow:4px 4px 4px 4px rgb(178, 135, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2124, 28.8682, 31.0685 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, 146) }
```

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

```
.background{ background-color: rgb(178,  
135, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor