

Converting Colors

XYZ(31.9595, 28.2722, 33.4784)

Have a look what the booklet for
XYZ(31.9595, 28.2722, 33.4784)
contains.

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Color

**XYZ(31.9595, 28.2722,
33.4784)**

Conversions

Conversions Part 1

Format	Color
Hex	B08598
RGB	176, 133, 152
RGB Percent	69%, 52%, 60%
CMY	0.3098, 0.4784, 0.4039
CMYK	0.00, 0.24, 0.14, 0.31
HSL	333°, 21%, 61%
HSV	333°, 24%, 69%
XYZ	31.9595, 28.2722, 33.4784
YIQ	148.0230, 19.5290, 15.0250

Conversions

Conversions Part 2

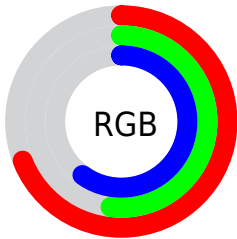
Format	Color
RYB	176, 133, 152
Decimal	11568536
CIELab	60.13, 19.53, -3.72
CIElCh	60, 19.877, 349.203
Yxy	28.2722, 0.3410, 0.3017
Android (android.graphics.Color)	4289758616 (0xFFB08598)
YUV	148.0230, 1.9607, 24.5358
Hunter-Lab	53.1716, 14.2395, -0.1106

Details

The XYZ color **31.9595, 28.2722, 33.4784** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.2851, 38.4722, 37.6771**, and the grayscale version is **28.1450, 29.6107, 32.2461**.

A 20% lighter version of the original color is **61.9782, 56.7298, 66.0759**, and **13.6106, 11.3371, 13.7828** is the 20% darker color. If you saturate the color by 10%, you get **28.9773, 23.5424, 28.6777**, and if you desaturate by 10%, it is **35.4137, 33.8387, 38.7659**.

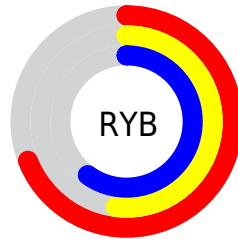
Distribution



Red (69%)

Green (52%)

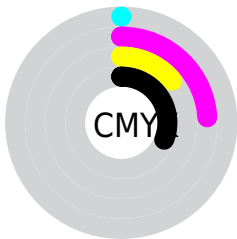
Blue (60%)



Red (69%)

Yellow (52%)

Blue (60%)

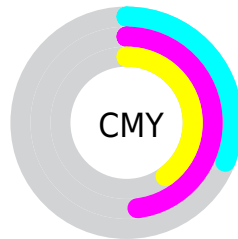


Cyan (0%)

Magenta (24%)

Yellow (14%)

Black (31%)



Cyan (31%)


Magenta (48%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9595, 28.2722, 33.4784 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 31.9595, 28.2722, 33.4784 by changing the saturation by 10% instead.


 31.9595, 28.2722,
33.4784


 31.9595, 28.2722,
33.4784


302.6833,
293.7653, 332.4978


 21.4860, 18.5309,
22.2191


 62.1132, 56.9187,
66.2463

 13.5942, 11.3318,
13.8181

 82.5241, 76.5928,
88.5920

 7.9188, 6.2905,
7.8570


 106.9782,
100.3466, 115.4701

 4.0944, 3.0225,
3.9171

135.8407,
128.5645, 147.2994

 1.7557, 1.1435,
1.5800

169.4772,
161.6309, 184.4982

 0.4907, 0.0148,
0.2765

208.2528,

 0.0000, 0.0000,

199.9303, 227.4852

0.0000

252.5331,
243.8470, 276.6789

■ 31.9595, 28.2722,
33.4784

■ 31.9595, 28.2722,
33.4784

■ 28.9773, 23.5424,
28.6777

■ 35.4137, 33.8387,
38.7659

■ 26.4431, 19.6046,
24.3470

■ 39.3577, 40.2761,
44.5529

■ 24.3340, 16.4157,
20.4706

■ 43.8115, 47.6214,
50.8537

■ 22.6243, 13.9271,
17.0316

■ 48.7929, 55.9081,
57.6814

■ 21.2853, 12.0841,
14.0112

■ 54.3192, 65.1683,
65.0488

■ 20.2842, 10.8240,
11.3893

■ 60.4065, 75.4324,
72.9680

■ 19.5813, 10.0711,
9.1427

■ 66.6850, 85.9583,
81.3223

■ 19.2712, 9.7768,
8.0341

■ 68.0310, 86.4967,
88.4102

■ 69.4548, 87.0662,
95.9081

Harmonies

Analogous

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



30.7406, 28.2722, 40.8548



31.9595, 28.2722, 33.4784



31.7520, 28.2722, 26.4092

Triad

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



31.9595, 28.2722, 33.4784



25.2976, 28.2722, 19.3757



23.8060, 28.2722, 42.6303

Complementary

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



31.9595, 28.2722, 33.4784



31.2851, 38.4722, 37.6771

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.



22.5193, 28.2722, 35.6163



31.9595, 28.2722, 33.4784



23.3422, 28.2722, 22.5206

Square

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



31.9595, 28.2722, 33.4784



27.7970, 28.2722, 18.9886



22.3550, 28.2722, 28.2375



25.9675, 28.2722, 46.6653

Rectangle

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



31.9595, 28.2722, 33.4784



30.8362, 28.2722, 22.7634



22.3550, 28.2722, 28.2375



23.2628, 28.2722, 40.4959

Sweetspot

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



31.9603, 28.2735, 33.4790



69.3657, 69.7436, 77.8866



30.0615, 27.0441, 44.7101



14.9414, 14.9652, 16.7464



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



31.9603, 28.2735, 33.4790



55.1136, 46.7366, 56.1891



30.8241, 28.2948, 26.0288



8.6471, 8.5656, 9.6403



14.1680, 7.1848, 6.0448



0.4753, 0.2379, 0.3456

Inverse Universe

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



31.9603, 28.2735, 33.4790



55.1136, 46.7366, 56.1891



32.6173, 38.3359, 46.7550



8.6471, 8.5656, 9.6403



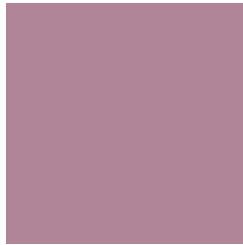
14.1680, 7.1848, 6.0448



0.4753, 0.2379, 0.3456

Previews

White Background



This preview shows how the XYZ color 31.9595, 28.2722, 33.4784 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 31.9595, 28.2722, 33.4784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

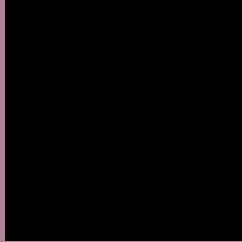
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.9595, 28.2722, 33.4784

Background



This preview shows how black text looks on a background with the XYZ color 31.9595, 28.2722, 33.4784.



This preview shows how white text looks on a background with the XYZ color 31.9595, 28.2722,

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

31.9595, 28.2722, 33.4784

Protanopia

27.7329, 28.3790, 36.8169

Deuteranopia

29.0154, 28.4522, 33.2407



Tritanopia

31.3151, 28.2085, 30.5824

Trichromacy



Original Color

31.9595, 28.2722, 33.4784

Protanomaly

29.0891, 28.2244, 35.3672

Deuteranomaly

29.9842, 28.3038, 33.1610

Tritanomaly

31.5496, 28.3023, 31.8170

Monochromacy



Original Color

31.9595, 28.2722, 33.4784

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.3478, 29.0839, 32.5007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9595, 28.2722, 33.4784 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(176, 133, 152)` looks like.

```
.text, #text, p{  
    color:rgb(176, 133, 152)  
}
```

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(176, 133, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 133, 152) }
```

Border

The CSS property to change the border of an element to XYZ 31.9595, 28.2722, 33.4784 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(176, 133, 152) }
```


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

```
.border{ border-color:rgb(176, 133, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 133, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 133, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 133, 152);  
box-shadow:4px 4px 4px 4px rgb(176, 133,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9595, 28.2722, 33.4784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 133, 152) }
```

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

```
.background{ background-color: rgb(176,  
133, 152) }
```

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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