

Converting Colors

XYZ(29.1964, 32.7170, 23.2694)

Have a look what the booklet for
XYZ(29.1964, 32.7170, 23.2694)
contains.

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Color

**XYZ(29.2573, 32.8274,
23.2067)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9E7A
RGB	155, 158, 122
RGB Percent	61%, 62%, 48%
CMY	0.3922, 0.3804, 0.5216
CMYK	0.02, 0.00, 0.23, 0.38
HSL	65°, 16%, 55%
HSV	65°, 23%, 62%
XYZ	29.2573, 32.8274, 23.2067
YIQ	152.9990, 9.7680, -11.8320

Conversions

Conversions Part 2

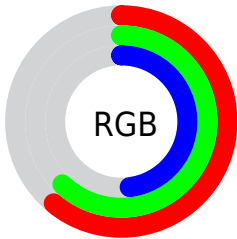
Format	Color
RYB	122, 158, 125
Decimal	10198650
CIELab	64.02, -7.32, 18.50
CIELCh	64, 19.895, 111.582
Yxy	32.8274, 0.3430, 0.3849
Android (android.graphics.Color)	4288388730 (0xFF9B9E7A)
YUV	152.9990, -15.2825, 1.7549
Hunter-Lab	57.2952, -9.1171, 16.0920

Details

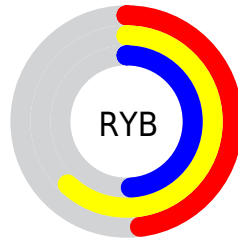
The XYZ color **29.2573, 32.8274, 23.2067** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.5898, 20.7486, 35.2165**, and the grayscale version is **30.3400, 31.9200, 34.7609**.

A 20% lighter version of the original color is **58.1105, 64.3853, 49.9223**, and **12.0538, 13.8800, 8.3471** is the 20% darker color. If you saturate the color by 10%, you get **28.1056, 32.3388, 18.4513**, and if you desaturate by 10%, it is **30.5727, 33.3841, 28.8021**.

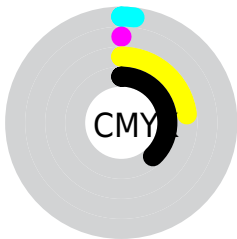
Distribution



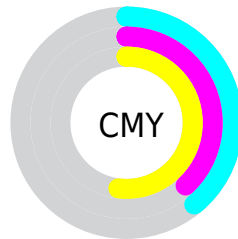
- Red (61%)
- Green (62%)
- Blue (48%)



- Red (48%)
- Yellow (62%)
- Blue (49%)



- Cyan (2%)
- Magenta (0%)
- Yellow (23%)
- Black (38%)



- Cyan (39%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2573, 32.8274, 23.2067 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 29.2573, 32.8274, 23.2067 by changing the saturation by 10% instead.

■ 29.2573, 32.8274,
23.2067

■ 29.2573, 32.8274,
23.2067

290.3994,
314.8713, 281.9411

■ 19.4208, 21.9943,
14.5395

■ 57.8804, 64.1060,
49.6600

■ 12.0805, 13.8527,
8.3538

■ 77.3977, 85.3202,
68.2831

■ 6.8711, 8.0183,
4.2312

■ 100.8726,
110.7635, 91.0620

■ 3.4273, 4.1066,
1.7530

128.6705,
140.8204, 118.4152

■ 1.3835, 1.7334,
0.3967

161.1568,
175.8752, 150.7611

■ 0.2444, 0.4451,
0.0000

198.6968,

■ 0.0000, 0.0000,

216.3124, 188.5184

0.0000

241.6559,
262.5163, 232.1055

■ 29.2573, 32.8274,
23.2067

■ 29.2573, 32.8274,
23.2067

■ 28.1056, 32.3388,
18.4513

■ 30.5727, 33.3841,
28.8021

■ 27.1073, 31.9107,
14.4932

■ 32.0564, 34.0072,
35.2730

■ 26.2550, 31.5413,
11.2894

■ 33.7160, 34.7011,
42.6556

■ 25.5395, 31.2270,
8.7919

■ 35.5578, 35.4682,
50.9834

■ 24.9506, 30.9637,
6.9470

■ 37.5879, 36.3109,
60.2881

■ 24.4768, 30.7467,
5.6937

■ 39.8121, 37.2316,
70.6001

■ 24.1042, 30.5704,
4.9591

■ 42.2358, 38.2324,
81.9483

■ 23.8734, 30.4587,
4.6209

■ 44.8644, 39.3155,
94.3605

■ 46.1850, 39.8757,
99.8703

Harmonies

Analogous

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



31.9985, 32.8274, 22.5255



29.2573, 32.8274, 23.2067



27.1595, 32.8274, 26.9703

Triad

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



29.2573, 32.8274, 23.2067



27.9653, 32.8274, 49.2788



36.8530, 32.8274, 38.0552

Complementary

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



29.2573, 32.8274, 23.2067



21.5898, 20.7486, 35.2165

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.



35.6257, 32.8274, 46.2385



29.2573, 32.8274, 23.2067



30.4177, 32.8274, 53.3253

Square

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



29.2573, 32.8274, 23.2067



26.4453, 32.8274, 41.7382



33.2299, 32.8274, 52.1363



36.4962, 32.8274, 30.3521

Rectangle

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



29.2573, 32.8274, 23.2067



26.3541, 32.8274, 31.0773



33.2299, 32.8274, 52.1363



36.6095, 32.8274, 40.8547

Sweetspot

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



29.2582, 32.8289, 23.2074



57.0003, 61.2458, 58.7397



24.9481, 23.3424, 21.6035



12.8175, 13.7939, 13.0982



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.2582, 32.8289, 23.2074



52.1016, 59.1775, 37.8616



26.0574, 31.1788, 23.0576



7.1156, 7.6922, 7.0954



19.1351, 24.4012, 3.7014



0.3566, 0.4437, 0.0669

Inverse Universe

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



21.5898, 20.7486, 35.2165



35.8400, 33.5575, 63.3317



24.4598, 22.2281, 35.3508



6.3335, 6.4604, 8.3199



5.0932, 2.0546, 26.0354



0.1044, 0.0436, 0.4661

Previews

White Background



This preview shows how the XYZ color 29.2573, 32.8274, 23.2067 looks on a white background.

Color Contrast Check

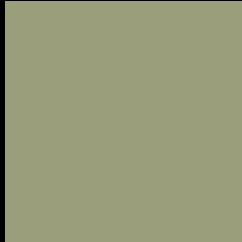
Large Text (above 18pt) WCAG AA × Fail

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 29.2573, 32.8274, 23.2067 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 ✓ Pass

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

XYZ 29.2573, 32.8274, 23.2067

Background



This preview shows how black text looks on a background with the XYZ color 29.2573, 32.8274, 23.2067.



This preview shows how white text looks on a background with the XYZ color 29.2573, 32.8274,

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

29.2573, 32.8274, 23.2067

Protanopia

30.6896, 32.8225, 22.8070

Deuteranopia

33.4416, 32.7739, 23.6322



Tritanopia

32.6270, 32.7139, 39.7167

Trichromacy



Original Color

29.2573, 32.8274, 23.2067

Protanomaly

30.0376, 32.7345, 22.8244

Deuteranomaly

31.8166, 32.6572, 23.3654

Tritanomaly

31.2785, 32.6521, 33.0877

Monochromacy



Original Color

29.2573, 32.8274, 23.2067

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.9303, 32.2657, 30.2416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2573, 32.8274, 23.2067 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(155, 158, 122)` looks like.

```
.text, #text, p{  
    color:rgb(155, 158, 122)  
}
```

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(155, 158, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 158, 122) }
```

Border

The CSS property to change the border of an element to XYZ 29.2573, 32.8274, 23.2067 is called "border". The border property can be set on classes, ids or directly on the HTML element.

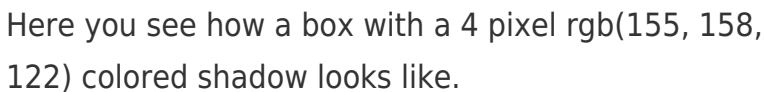
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 158, 122) }
```


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

```
.border{ border-color:rgb(155, 158, 122) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 158, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 158, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 158, 122);  
box-shadow:4px 4px 4px 4px rgb(155, 158,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2573, 32.8274, 23.2067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 158, 122) }
```

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

```
.background{ background-color: rgb(155,  
158, 122) }
```

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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