

Converting Colors

XYZ(32.1042, 32.1193, 27.1502)

Have a look what the booklet for
XYZ(32.1042, 32.1193, 27.1502)
contains.

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Color

**XYZ(32.0638, 31.9868,
27.0384)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9586
RGB	172, 149, 134
RGB Percent	67%, 58%, 53%
CMY	0.3255, 0.4157, 0.4745
CMYK	0.00, 0.13, 0.22, 0.33
HSL	24°, 19%, 60%
HSV	24°, 22%, 67%
XYZ	32.0638, 31.9868, 27.0384
YIQ	154.1670, 18.5230, 0.2110

Conversions

Conversions Part 2

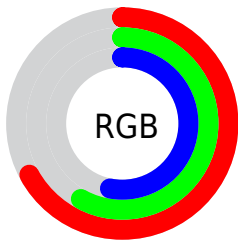
Format	Color
RYB	172, 159, 134
Decimal	11310470
CIELab	63.33, 6.12, 11.07
CIELCh	63, 12.648, 61.069
Yxy	31.9868, 0.3520, 0.3512
Android (android.graphics.Color)	4289500550 (0xFFAC9586)
YUV	154.1670, -9.9423, 15.6395
Hunter-Lab	56.5569, 2.2225, 11.2448

Details

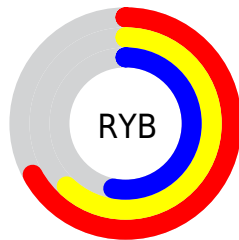
The XYZ color **32.0638, 31.9868, 27.0384** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3347, 32.1600, 43.6914**, and the grayscale version is **30.8258, 32.4312, 35.3175**.

A 20% lighter version of the original color is **62.3205, 62.7937, 55.8495**, and **13.5757, 13.2974, 10.2386** is the 20% darker color. If you saturate the color by 10%, you get **29.3867, 28.3987, 20.7010**, and if you desaturate by 10%, it is **35.0850, 35.9503, 34.4539**.

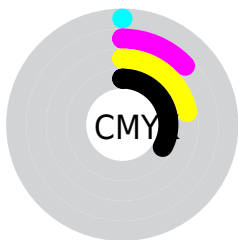
Distribution



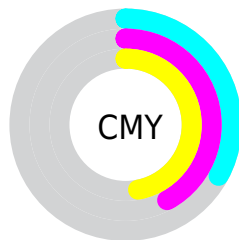
- Red (67%)
- Green (58%)
- Blue (53%)



- Red (67%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0638, 31.9868, 27.0384 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 32.0638, 31.9868, 27.0384 by changing the saturation by 10% instead.

■ 32.0638, 31.9868,
27.0384

■ 32.0638, 31.9868,
27.0384

303.1499,
311.0591, 301.6091

■ 21.5660, 21.3514,
17.3694

■ 62.2756, 62.7904,
55.9500

■ 13.6532, 13.3811,
10.3335

■ 82.7204, 83.7274,
76.0296

■ 7.9599, 7.6915,
5.5121

■ 107.2115,
108.8671, 100.4165

■ 4.1209, 3.8982,
2.4868

136.1143,
138.5938, 129.5292

■ 1.7708, 1.6168,
0.8332

169.7942,
173.2920, 163.7863

■ 0.5000, 0.3689,
0.0000

208.6165,

■ 0.0000, 0.0000,

213.3460, 203.6062

0.0000

252.9466,
259.1402, 249.4077

■ 32.0638, 31.9868,
27.0384

■ 32.0638, 31.9868,
27.0384

■ 29.3867, 28.3987,
20.7010

■ 35.0850, 35.9503,
34.4539

■ 27.0378, 25.1701,
15.3889

■ 38.4601, 40.2957,
42.9929

■ 25.0039, 22.2905,
11.0476

■ 42.2020, 45.0349,
52.7008

■ 23.2695, 19.7471,
7.6167

■ 46.3216, 50.1780,
63.6198

■ 21.8178, 17.5260,
5.0293

■ 50.8300, 55.7344,
75.7899

■ 20.6300, 15.6124,
3.2088

■ 55.7372, 61.7135,
89.2494

■ 19.6841, 13.9897,
2.0642

■ 61.0532, 68.1243,
104.0349

■ 19.0751, 12.8941,
1.4835

■ 63.9978, 73.8596,
105.4910

■ 67.0198, 79.9037,
106.4984

Harmonies

Analogous

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



33.3845, 31.9868, 30.0764



32.0638, 31.9868, 27.0384



30.3396, 31.9868, 26.0341

Triad

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



32.0638, 31.9868, 27.0384



27.1528, 31.9868, 35.0087



32.1769, 31.9868, 43.7763

Complementary

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



32.0638, 31.9868, 27.0384



29.3347, 32.1600, 43.6914

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.



30.4655, 31.9868, 45.4084



32.0638, 31.9868, 27.0384



27.6035, 31.9868, 40.0558

Square

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



32.0638, 31.9868, 27.0384



27.5446, 31.9868, 30.3604



28.7996, 31.9868, 43.9865



33.4516, 31.9868, 39.7141

Rectangle

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



32.0638, 31.9868, 27.0384



29.2058, 31.9868, 26.5683



28.7996, 31.9868, 43.9865



31.6314, 31.9868, 44.6439

Sweetspot

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



32.0647, 31.9882, 27.0391



66.6086, 69.0464, 69.9385



31.6616, 28.2704, 35.8809



14.4005, 14.9087, 15.0097



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.0647, 31.9882, 27.0391



55.4749, 54.4376, 42.6167



35.2394, 38.3377, 28.0973



8.2550, 8.5148, 8.4218



14.2454, 9.6962, 1.1207



0.4506, 0.3783, 0.0493

Inverse Universe

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



29.3347, 32.1600, 43.6914



49.5451, 54.8065, 78.7732



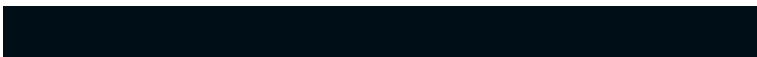
26.4291, 26.3489, 42.7228



7.9669, 8.5332, 10.1799



9.2865, 9.7069, 30.4287



0.3097, 0.3728, 0.8636

Previews

White Background



This preview shows how the XYZ color 32.0638, 31.9868, 27.0384 looks on a white background.

Color Contrast Check

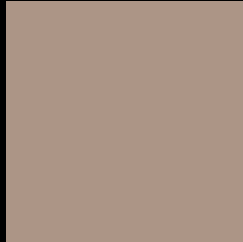
Large Text (above 18pt) WCAG AA × Fail

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 32.0638, 31.9868, 27.0384 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 32.0638, 31.9868, 27.0384

Background



This preview shows how black text looks on a background with the XYZ color 32.0638, 31.9868, 27.0384.



This preview shows how white text looks on a background with the XYZ color 32.0638, 31.9868,

27.0384.

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

32.0638, 31.9868, 27.0384

Protanopia

30.3324, 32.0336, 27.8770

Deuteranopia

32.5722, 32.0150, 27.0170



Tritanopia

34.0439, 32.1060, 36.3011

Trichromacy



Original Color

32.0638, 31.9868, 27.0384

Protanomaly

30.9113, 32.0983, 27.4881

Deuteranomaly

32.3485, 31.8997, 27.0066

Tritanomaly

33.3141, 32.0360, 32.8615

Monochromacy



Original Color

32.0638, 31.9868, 27.0384

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.1926, 32.1401, 32.1634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0638, 31.9868, 27.0384 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(172, 149, 134)` looks like.

```
.text, #text, p{  
    color:rgb(172, 149, 134)  
}
```

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(172, 149, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 149, 134) }
```

Border

The CSS property to change the border of an element to XYZ 32.0638, 31.9868, 27.0384 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(172, 149, 134) }
```


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

```
.border{ border-color:rgb(172, 149, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 149, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 149, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 149, 134);  
box-shadow:4px 4px 4px 4px rgb(172, 149,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0638, 31.9868, 27.0384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 149, 134) }
```

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

```
.background{ background-color: rgb(172,  
149, 134) }
```

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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