

Converting Colors

XYZ(31.5842, 32.2583, 27.2569)

Have a look what the booklet for
XYZ(31.5842, 32.2583, 27.2569)
contains.

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Color

**XYZ(31.5181, 32.1793,
27.1043)**

Conversions

Conversions Part 1

Format	Color
Hex	A89786
RGB	168, 151, 134
RGB Percent	66%, 59%, 53%
CMY	0.3412, 0.4078, 0.4745
CMYK	0.00, 0.10, 0.20, 0.34
HSL	30°, 16%, 59%
HSV	30°, 20%, 66%
XYZ	31.5181, 32.1793, 27.1043
YIQ	154.1450, 15.5890, -1.6830

Conversions

Conversions Part 2

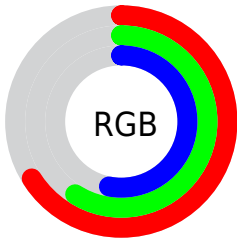
Format	Color
RYB	168, 168, 134
Decimal	11048838
CIELab	63.49, 3.45, 11.24
CIELCh	63, 11.758, 72.948
Yxy	32.1793, 0.3471, 0.3544
Android (android.graphics.Color)	4289238918 (0xFFA89786)
YUV	154.1450, -9.9315, 12.1508
Hunter-Lab	56.7268, -0.0951, 11.3798

Details

The XYZ color **31.5181, 32.1793, 27.1043** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.9657, 30.0278, 41.3679**, and the grayscale version is **30.8170, 32.4219, 35.3074**.

A 20% lighter version of the original color is **61.2324, 62.9385, 55.9348**, and **13.3599, 13.4674, 10.2828** is the 20% darker color. If you saturate the color by 10%, you get **29.1347, 29.1408, 20.9809**, and if you desaturate by 10%, it is **34.1857, 35.4877, 34.2416**.

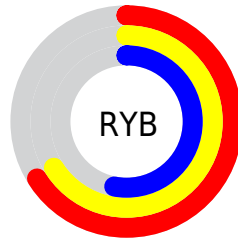
Distribution



Red (66%)

Green (59%)

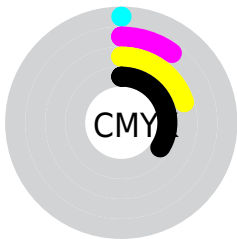
Blue (53%)



Red (66%)

Yellow (66%)

Blue (53%)

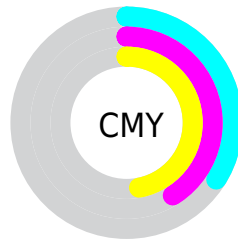


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (34%)



Cyan (34%)

Magenta (41%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5181, 32.1793, 27.1043 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 31.5181, 32.1793, 27.1043 by changing the saturation by 10% instead.

■ 31.5181, 32.1793,
27.1043

■ 31.5181, 32.1793,
27.1043

300.7026,
311.9352, 301.9379

■ 21.1474, 21.4985,
17.4184

■ 61.4252, 63.0921,
56.0570

■ 13.3449, 13.4889,
10.3682

■ 81.6923, 84.0928,
76.1608

■ 7.7451, 7.7660,
5.5350

■ 105.9889,
109.3023, 100.5745

■ 3.9827, 3.9456,
2.5003

134.6805,
139.1050, 129.7164

■ 1.6924, 1.6432,
0.8403

168.1322,
173.8852, 164.0052

■ 0.4515, 0.3865,
0.0000

206.7096,

■ 0.0000, 0.0000,

214.0274, 203.8593

0.0000

250.7779,
259.9159, 249.6974

■ 31.5181, 32.1793,
27.1043

■ 31.5181, 32.1793,
27.1043

■ 29.1347, 29.1408,
20.9809

■ 34.1857, 35.4877,
34.2416

■ 27.0221, 26.3605,
15.8225

■ 37.1451, 39.0689,
42.4346

■ 25.1697, 23.8318,
11.5793

■ 40.4067, 42.9311,
51.7251

■ 23.5650, 21.5464,
8.1958

■ 43.9796, 47.0810,
62.1521

■ 22.1943, 19.4953,
5.6109

■ 47.8725, 51.5247,
73.7527

■ 21.0422, 17.6686,
3.7550

■ 52.0937, 56.2685,
86.5621

■ 20.0910, 16.0554,
2.5462

■ 56.6512, 61.3182,
100.6143

■ 19.3202, 14.6684,
1.8130

■ 59.3191, 65.7861,
104.1793

■ 61.5550, 70.2579,
104.9246

Harmonies

Analogous

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



32.9486, 32.1793, 29.2459



31.5181, 32.1793, 27.1043



29.8853, 32.1793, 26.9637

Triad

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



31.5181, 32.1793, 27.1043



27.6183, 32.1793, 37.0975



32.7813, 32.1793, 42.0616

Complementary

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



31.5181, 32.1793, 27.1043



27.9657, 30.0278, 41.3679

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.



31.2964, 32.1793, 44.5814



31.5181, 32.1793, 27.1043



28.3381, 32.1793, 41.5480

Square

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



31.5181, 32.1793, 27.1043



27.6728, 32.1793, 32.4594



29.6714, 32.1793, 44.3855



33.6956, 32.1793, 37.7492

Rectangle

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



31.5181, 32.1793, 27.1043



28.9047, 32.1793, 28.0022



29.6714, 32.1793, 44.3855



32.3301, 32.1793, 43.1629

Sweetspot

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



31.5190, 32.1807, 27.1050



64.1861, 67.0188, 68.0359



30.2597, 27.6098, 33.0128



13.9187, 14.5210, 14.6330



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



31.5190, 32.1807, 27.1050



55.3158, 56.0198, 44.2959



34.4543, 38.0514, 28.0834



7.8294, 8.1389, 7.9476



14.6412, 11.1796, 1.3862



0.4074, 0.3744, 0.0508

Inverse Universe

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



27.9657, 30.0278, 41.3679



47.7572, 51.4400, 74.6369



25.4249, 24.9461, 40.5209



7.4300, 7.8969, 9.5510



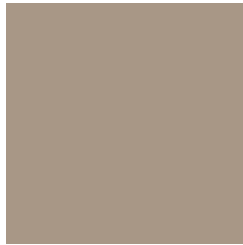
7.7817, 7.0237, 28.9211



0.2405, 0.2733, 0.7207

Previews

White Background



This preview shows how the XYZ color 31.5181, 32.1793, 27.1043 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 31.5181, 32.1793, 27.1043 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 31.5181, 32.1793, 27.1043

Background



This preview shows how black text looks on a background with the XYZ color 31.5181, 32.1793, 27.1043.



This preview shows how white text looks on a background with the XYZ color 31.5181, 32.1793,

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

31.5181, 32.1793, 27.1043

Protanopia

30.4623, 32.1088, 27.5138

Deuteranopia

32.8676, 32.1592, 27.3967



Tritanopia

33.4863, 32.0286, 37.2181

Trichromacy



Original Color

31.5181, 32.1793, 27.1043

Protanomaly

30.9113, 32.0983, 27.4881

Deuteranomaly

32.3542, 32.1284, 27.4178

Tritanomaly

32.6725, 31.9279, 33.2948

Monochromacy



Original Color

31.5181, 32.1793, 27.1043

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.9558, 32.2600, 32.1990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5181, 32.1793, 27.1043 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(168, 151, 134)` looks like.

```
.text, #text, p{  
    color:rgb(168, 151, 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(168, 151, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 151, 134) }
```

Border

The CSS property to change the border of an element to XYZ 31.5181, 32.1793, 27.1043 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(168, 151, 134) }
```


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

```
.border{ border-color:rgb(168, 151, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 151, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 151, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 151, 134);  
box-shadow:4px 4px 4px 4px rgb(168, 151,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5181, 32.1793, 27.1043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 151, 134) }
```

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

```
.background{ background-color: rgb(168,  
151, 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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