

Converting Colors

XYZ(30.7993, 33.0461, 27.2419)

Have a look what the booklet for
XYZ(30.7993, 33.0461, 27.2419)
contains.

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Color

**XYZ(30.8895, 33.0752,
27.3104)**

Conversions

Conversions Part 1

Format	Color
Hex	A19C86
RGB	161, 156, 134
RGB Percent	63%, 61%, 53%
CMY	0.3686, 0.3882, 0.4745
CMYK	0.00, 0.03, 0.17, 0.37
HSL	49°, 13%, 58%
HSV	49°, 17%, 63%
XYZ	30.8895, 33.0752, 27.3104
YIQ	154.9870, 10.0420, -5.7820

Conversions

Conversions Part 2

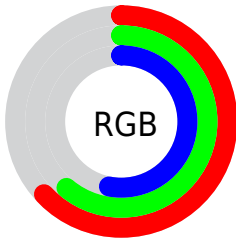
Format	Color
RYB	140, 161, 134
Decimal	10591366
CIELab	64.22, -2.02, 12.18
CIElCh	64, 12.349, 99.410
Yxy	33.0752, 0.3384, 0.3624
Android (android.graphics.Color)	4288781446 (0xFFA19C86)
YUV	154.9870, -10.3466, 5.2734
Hunter-Lab	57.5110, -4.7710, 12.1026

Details

The XYZ color **30.8895, 33.0752, 27.3104** is a light color, and the websafe version is hex **999999**. A complement of this color would be **25.4972, 26.1064, 37.4137**, and the grayscale version is **31.1919, 32.8163, 35.7370**.

A 20% lighter version of the original color is **60.3351, 64.2800, 56.2410**, and **12.9585, 13.9945, 10.4057** is the 20% darker color. If you saturate the color by 10%, you get **29.3574, 31.6732, 21.6751**, and if you desaturate by 10%, it is **32.6066, 34.5730, 33.8517**.

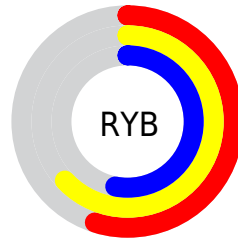
Distribution



Red (63%)

Green (61%)

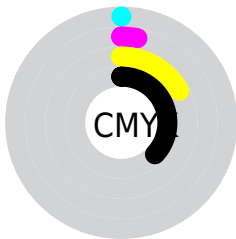
Blue (53%)



Red (55%)

Yellow (63%)

Blue (53%)

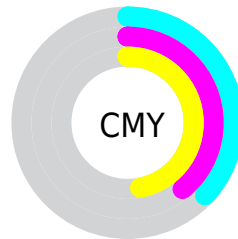


Cyan (0%)

Magenta (3%)

Yellow (17%)

Black (37%)



Cyan (37%)

Magenta (39%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8895, 33.0752, 27.3104 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 30.8895, 33.0752, 27.3104 by changing the saturation by 10% instead.

■ 30.8895, 33.0752,
27.3104

■ 30.8895, 33.0752,
27.3104

297.8649,
315.9885, 302.9645

■ 20.6661, 22.1841,
17.5720

■ 60.4431, 64.4929,
56.3913

■ 12.9912, 13.9922,
10.4769

■ 80.5040, 85.7883,
76.5709

■ 7.4995, 8.1152,
5.6066

■ 104.5748,
111.3205, 101.0680

■ 3.8255, 4.1688,
2.5425

133.0209,
141.4740, 130.3011

■ 1.6039, 1.7684,
0.8625

166.2076,
176.6331, 164.6888

■ 0.3949, 0.4674,
0.0000

204.5003,

■ 0.0000, 0.0000,

217.1823, 204.6495

0.0000

248.2642,
263.5060, 250.6019

■ 30.8895, 33.0752,
27.3104

■ 30.8895, 33.0752,
27.3104

■ 29.3574, 31.6732,
21.6751

■ 32.6066, 34.5730,
33.8517

■ 28.0000, 30.3595,
16.9030

■ 34.5134, 36.1654,
41.3350

■ 26.8096, 29.1319,
12.9511

■ 36.6176, 37.8567,
49.7967

■ 25.7772, 27.9867,
9.7719

■ 38.9259, 39.6496,
59.2708

■ 24.8928, 26.9198,
7.3130

■ 41.4443, 41.5467,
69.7898

■ 24.1449, 25.9264,
5.5152

■ 44.1789, 43.5506,
81.3844

■ 23.5207, 25.0013,
4.3102

■ 47.1354, 45.6637,
94.0843

■ 23.0005, 24.1364,
3.5959

■ 49.0373, 47.3755,
101.1676

■ 22.8419, 23.8647,
3.4025

■ 49.6446, 48.5902,
101.3700

Harmonies

Analogous

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



32.6365, 33.0752, 27.7169



30.8895, 33.0752, 27.3104



29.3467, 33.0752, 29.0626

Triad

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



30.8895, 33.0752, 27.3104



28.9058, 33.0752, 42.4911



34.6966, 33.0752, 39.5133

Complementary

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



30.8895, 33.0752, 27.3104



25.4972, 26.1064, 37.4137

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.



33.6242, 33.0752, 43.9922



30.8895, 33.0752, 27.3104



30.2673, 33.0752, 45.8192

Square

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



30.8895, 33.0752, 27.3104



28.2298, 33.0752, 37.6136



31.9909, 33.0752, 46.3926



34.8783, 33.0752, 34.4590

Rectangle

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



30.8895, 33.0752, 27.3104



28.6258, 33.0752, 31.3240



31.9909, 33.0752, 46.3926



34.4265, 33.0752, 41.1486

Sweetspot

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



30.8904, 33.0767, 27.3111



58.9433, 62.3826, 62.7514



27.9130, 26.5036, 28.2246



12.8797, 13.6412, 13.5782



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.



30.8904, 33.0767, 27.3111



54.2945, 58.3118, 45.0888



30.1663, 33.9739, 27.5225



7.5375, 8.0133, 7.5295



18.2704, 19.1147, 2.7266



0.4111, 0.4561, 0.0664

Inverse Universe

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



25.4972, 26.1064, 37.4137



42.8504, 43.5220, 66.5287



26.1311, 25.3836, 37.2408



6.8016, 7.0622, 8.9077



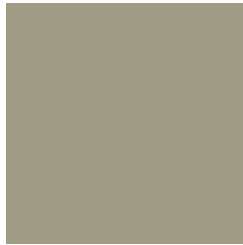
5.5275, 2.8344, 27.1855



0.1438, 0.1149, 0.5805

Previews

White Background



This preview shows how the XYZ color 30.8895, 33.0752, 27.3104 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 30.8895, 33.0752, 27.3104 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

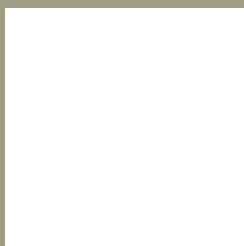
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8895, 33.0752, 27.3104

Background



This preview shows how black text looks on a background with the XYZ color 30.8895, 33.0752, 27.3104.



This preview shows how white text looks on a background with the XYZ color 30.8895, 33.0752,

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

30.8895, 33.0752, 27.3104

Protanopia

31.1287, 32.9505, 27.2737

Deuteranopia

33.6396, 33.0269, 27.5235



Tritanopia

33.4461, 33.1361, 39.7551

Trichromacy



Original Color

30.8895, 33.0752, 27.3104

Protanomaly

30.9247, 32.8453, 27.2641

Deuteranomaly

32.6147, 32.9764, 27.5678

Tritanomaly

32.4508, 32.9749, 34.7914

Monochromacy



Original Color

30.8895, 33.0752, 27.3104

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.8924, 32.7174, 32.2906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8895, 33.0752, 27.3104 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(161, 156, 134)` looks like.

```
.text, #text, p{  
    color:rgb(161, 156, 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(161, 156, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 156, 134) }
```

Border

The CSS property to change the border of an element to XYZ 30.8895, 33.0752, 27.3104 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(161, 156, 134) }
```


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

```
.border{ border-color:rgb(161, 156, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 156, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 156, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 156, 134);  
box-shadow:4px 4px 4px 4px rgb(161, 156,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8895, 33.0752, 27.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 156, 134) }
```

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

```
.background{ background-color: rgb(161,  
156, 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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