

Converting Colors

XYZ(30.0780, 32.0756, 26.7033)

Have a look what the booklet for
XYZ(30.0780, 32.0756, 26.7033)
contains.

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Color

**XYZ(30.0873, 32.1756,
26.8150)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9A85
RGB	159, 154, 133
RGB Percent	62%, 60%, 52%
CMY	0.3765, 0.3961, 0.4784
CMYK	0.00, 0.03, 0.16, 0.38
HSL	48°, 12%, 57%
HSV	48°, 16%, 62%
XYZ	30.0873, 32.1756, 26.8150
YIQ	153.1010, 9.7210, -5.4710

Conversions

Conversions Part 2

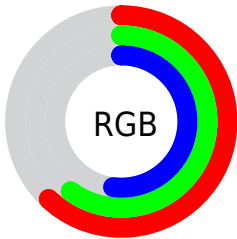
Format	Color
RYB	139, 159, 133
Decimal	10459781
CIELab	63.49, -1.86, 11.68
CIELCh	63, 11.832, 99.031
Yxy	32.1756, 0.3378, 0.3612
Android (android.graphics.Color)	4288649861 (0xFF9F9A85)
YUV	153.1010, -9.9098, 5.1734
Hunter-Lab	56.7235, -4.5862, 11.6782

Details

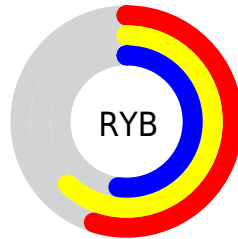
The XYZ color **30.0873, 32.1756, 26.8150** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0192, 25.6661, 36.4365**, and the grayscale version is **30.3618, 31.9429, 34.7859**.

A 20% lighter version of the original color is **59.1504, 62.9531, 55.4880**, and **12.4750, 13.4508, 10.1224** is the 20% darker color. If you saturate the color by 10%, you get **28.5733, 30.7744, 21.2949**, and if you desaturate by 10%, it is **31.7822, 33.6719, 33.2166**.

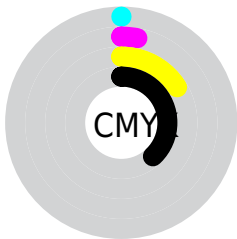
Distribution



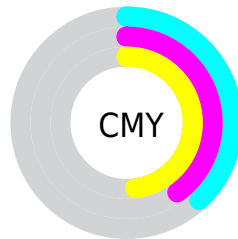
- Red (62%)
- Green (60%)
- Blue (52%)



- Red (55%)
- Yellow (62%)
- Blue (52%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0873, 32.1756, 26.8150 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 30.0873, 32.1756, 26.8150 by changing the saturation by 10% instead.

■ 30.0873, 32.1756,
26.8150

■ 30.0873, 32.1756,
26.8150

294.2137,
311.9184, 300.4920

■ 20.0533, 21.4957,
17.2031

■ 59.1859, 63.0863,
55.5870

■ 12.5423, 13.4868,
10.2159

■ 78.9812, 84.0858,
75.5842

■ 7.1889, 7.7646,
5.4349

■ 102.7609,
109.2940, 99.8802

■ 3.6279, 3.9447,
2.4415

130.8904,
139.0952, 128.8936

■ 1.4939, 1.6427,
0.8089

163.7351,
173.8738, 163.0430

■ 0.3217, 0.3861,
0.0000

201.6603,

■ 0.0000, 0.0000,

214.0143, 202.7468

0.0000

245.0314,
259.9010, 248.4237

■ 30.0873, 32.1756,
26.8150

■ 30.0873, 32.1756,
26.8150

■ 28.5733, 30.7744,
21.2949

■ 31.7822, 33.6719,
33.2166

■ 27.2301, 29.4608,
16.6149

■ 33.6624, 35.2619,
40.5346

■ 26.0504, 28.2328,
12.7336

■ 35.7355, 36.9500,
48.8041

■ 25.0254, 27.0868,
9.6050

■ 38.0079, 38.7387,
58.0582

■ 24.1454, 26.0188,
7.1784

■ 40.4856, 40.6307,
68.3281

■ 23.3995, 25.0241,
5.3970

■ 43.1744, 42.6283,
79.6438

■ 22.7751, 24.0977,
4.1950

■ 46.0797, 44.7340,
92.0340

■ 22.2542, 23.2321,
3.4779

■ 48.3579, 46.6105,
101.0557

■ 22.0755, 22.9257,
3.2616

■ 48.9747, 47.8440,
101.2613

Harmonies

Analogous

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



31.7298, 32.1756, 27.2257



30.0873, 32.1756, 26.8150



28.6298, 32.1756, 28.4475

Triad

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



30.0873, 32.1756, 26.8150



28.1863, 32.1756, 41.0641



33.6368, 32.1756, 38.3821

Complementary

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



30.0873, 32.1756, 26.8150



25.0192, 25.6661, 36.4365

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.



32.6208, 32.1756, 42.5654



30.0873, 32.1756, 26.8150



29.4621, 32.1756, 44.2078

Square

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



30.0873, 32.1756, 26.8150



27.5585, 32.1756, 36.4775



31.0820, 32.1756, 44.7806



33.8188, 32.1756, 33.6286

Rectangle

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



30.0873, 32.1756, 26.8150



27.9450, 32.1756, 30.5691



31.0820, 32.1756, 44.7806



33.3798, 32.1756, 39.9132

Sweetspot

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



30.0882, 32.1770, 26.8157



57.3232, 60.6513, 61.0431



27.2879, 25.9871, 27.6989



12.8753, 13.6323, 13.5767



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.



30.0882, 32.1770, 26.8157



52.7541, 56.5943, 43.8553



29.4317, 33.0884, 27.0262



7.0618, 7.5036, 7.0618



17.4647, 18.1651, 2.5857



0.3378, 0.3758, 0.0547

Inverse Universe

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



25.0192, 25.6661, 36.4365



41.7524, 42.4638, 64.7392



25.5964, 24.9239, 36.2628



6.3828, 6.6314, 8.3503



5.3449, 2.7814, 26.1624



0.1203, 0.0992, 0.4760

Previews

White Background



This preview shows how the XYZ color 30.0873, 32.1756, 26.8150 looks on a white background.

Color Contrast Check

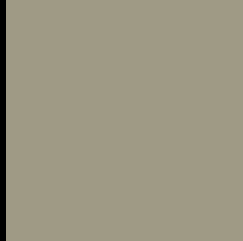
Large Text (above 18pt) WCAG AA × Fail

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 30.0873, 32.1756, 26.8150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

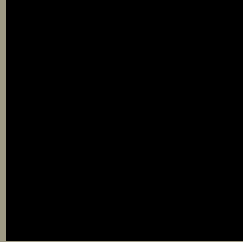
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

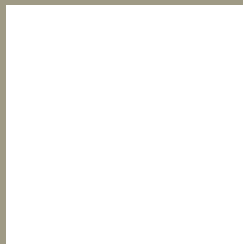
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0873, 32.1756, 26.8150

Background



This preview shows how black text looks on a background with the XYZ color 30.0873, 32.1756, 26.8150.



This preview shows how white text looks on a background with the XYZ color 30.0873, 32.1756,

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

30.0873, 32.1756, 26.8150

Protanopia

30.3228, 32.0530, 26.7790

Deuteranopia

32.7975, 32.1311, 27.0276



Tritanopia

32.5322, 32.2079, 38.6845

Trichromacy



Original Color

30.0873, 32.1756, 26.8150

Protanomaly

30.1221, 31.9495, 26.7696

Deuteranomaly

31.7870, 32.0800, 27.0710

Tritanomaly

31.5528, 32.0490, 33.8012

Monochromacy



Original Color

30.0873, 32.1756, 26.8150

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.0971, 31.8264, 31.7509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0873, 32.1756, 26.8150 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(159, 154, 133)` looks like.

```
.text, #text, p{  
    color:rgb(159, 154, 133)  
}
```

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(159, 154, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 154, 133) }
```

Border

The CSS property to change the border of an element to XYZ 30.0873, 32.1756, 26.8150 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(159, 154, 133) }
```


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

```
.border{ border-color:rgb(159, 154, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 154, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 154, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 154, 133);  
box-shadow:4px 4px 4px 4px rgb(159, 154,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0873, 32.1756, 26.8150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 154, 133) }
```

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

```
.background{ background-color: rgb(159,  
154, 133) }
```

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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