

Converting Colors

XYZ(32.6008, 32.7344, 26.0728)

Have a look what the booklet for
XYZ(32.6008, 32.7344, 26.0728)
contains.

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Color

**XYZ(32.6189, 32.7706,
26.0789)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9783
RGB	174, 151, 131
RGB Percent	68%, 59%, 51%
CMY	0.3176, 0.4078, 0.4863
CMYK	0.00, 0.13, 0.25, 0.32
HSL	28°, 21%, 60%
HSV	28°, 25%, 68%
XYZ	32.6189, 32.7706, 26.0789
YIQ	155.5970, 20.1280, -1.3440

Conversions

Conversions Part 2

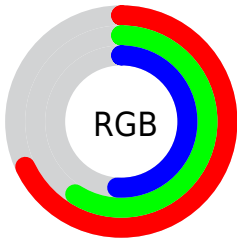
Format	Color
RYB	174, 168, 131
Decimal	11442051
CIELab	63.97, 5.34, 13.68
CIELCh	64, 14.689, 68.662
Yxy	32.7706, 0.3566, 0.3583
Android (android.graphics.Color)	4289632131 (0xFFAE9783)
YUV	155.5970, -12.1263, 16.1394
Hunter-Lab	57.2456, 1.5306, 13.0617

Details

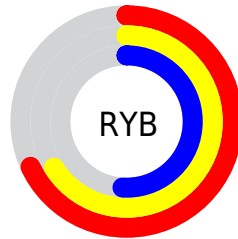
The XYZ color **32.6189, 32.7706, 26.0789** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.5554, 30.9916, 44.5215**, and the grayscale version is **31.4671, 33.1059, 36.0523**.

A 20% lighter version of the original color is **63.1162, 63.9463, 54.3637**, and **13.9653, 13.7885, 9.9080** is the 20% darker color. If you saturate the color by 10%, you get **30.0985, 29.4611, 19.9010**, and if you desaturate by 10%, it is **35.4574, 36.3988, 33.3407**.

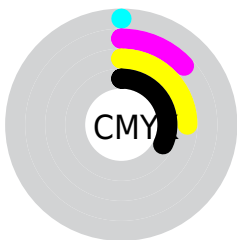
Distribution



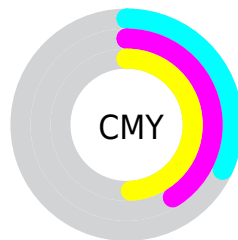
- Red (68%)
- Green (59%)
- Blue (51%)



- Red (68%)
- Yellow (66%)
- Blue (51%)



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (32%)





- Cyan (32%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6189, 32.7706, 26.0789 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 32.6189, 32.7706, 26.0789 by changing the saturation by 10% instead.


 32.6189, 32.7706,
26.0789


 32.6189, 32.7706,
26.0789


305.6244,
314.6148, 296.7870

 21.9925, 21.9508,
16.6564


 63.1387, 64.0172,
54.3878

 13.9680, 13.8207,
9.8304


 83.7629, 85.2128,
74.1114

 8.1799, 7.9961,
5.1825

 108.4503,
110.6357, 98.1056

 4.2631, 4.0924,
2.2942

137.5664,
140.6704, 126.7892

 1.8520, 1.7254,
0.7279

171.4765,
175.7013, 160.5805

 0.5487, 0.4400,
0.0000

210.5460,

 0.0000, 0.0000,

216.1127, 199.8983

0.0000

255.1402,
262.2891, 245.1609

■ 32.6189, 32.7706,
26.0789

■ 32.6189, 32.7706,
26.0789

■ 30.0985, 29.4611,
19.9010

■ 35.4574, 36.3988,
33.3407

■ 27.8809, 26.4564,
14.7521

■ 38.6231, 40.3501,
41.7336

■ 25.9536, 23.7481,
10.5752

■ 42.1281, 44.6345,
51.3046

■ 24.3016, 21.3256,
7.3072

■ 45.9830, 49.2603,
62.0974

■ 22.9087, 19.1775,
4.8772

■ 50.1980, 54.2353,
74.1534

■ 21.7565, 17.2914,
3.2037

■ 54.7826, 59.5670,
87.5119

■ 20.8231, 15.6531,
2.1881

■ 59.7461, 65.2629,
102.2108

■ 20.3940, 14.8754,
1.7964

■ 62.5522, 70.3119,
104.8824

■ 65.1435, 75.4946,
105.7462

Harmonies

Analogous

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



34.3612, 32.7706, 29.0211



32.6189, 32.7706, 26.0789



30.5516, 32.7706, 25.5537

Triad

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



32.6189, 32.7706, 26.0789



27.3746, 32.7706, 37.4268



33.7018, 32.7706, 45.3472

Complementary

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



32.6189, 32.7706, 26.0789



28.5554, 30.9916, 44.5215

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.



31.7510, 32.7706, 48.1840



32.6189, 32.7706, 26.0789



28.1406, 32.7706, 43.2903

Square

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



32.6189, 32.7706, 26.0789



27.5839, 32.7706, 31.6910



29.7210, 32.7706, 47.3923



35.0055, 32.7706, 39.9939

Rectangle

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



32.6189, 32.7706, 26.0789



29.2764, 32.7706, 26.5816



29.7210, 32.7706, 47.3923



33.0966, 32.7706, 46.6523

Sweetspot

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



32.6198, 32.7721, 26.0796



68.6179, 71.4077, 71.8363



31.4592, 27.5865, 34.5234



15.1753, 15.7771, 15.7642



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.6198, 32.7721, 26.0796



56.4393, 55.8818, 40.5511



36.2765, 40.0855, 27.2985



8.3008, 8.6065, 8.4371



14.8502, 10.9058, 1.3223



0.4682, 0.4136, 0.0551

Inverse Universe

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



28.5554, 30.9916, 44.5215



47.7067, 52.0548, 80.1700



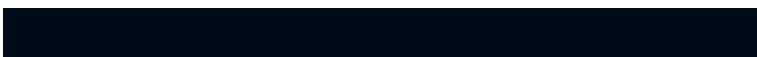
25.4085, 24.6979, 43.4725



7.9202, 8.4398, 10.1643



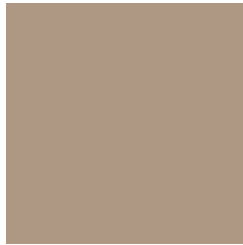
8.4438, 8.0215, 30.1478



0.2890, 0.3313, 0.8567

Previews

White Background



This preview shows how the XYZ color 32.6189, 32.7706, 26.0789 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 32.6189, 32.7706, 26.0789 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 32.6189, 32.7706, 26.0789

Background



This preview shows how black text looks on a background with the XYZ color 32.6189, 32.7706, 26.0789.



This preview shows how white text looks on a background with the XYZ color 32.6189, 32.7706,

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

32.6189, 32.7706, 26.0789

Protanopia

31.0592, 32.9227, 26.9080

Deuteranopia

33.4346, 32.7173, 26.0256



Tritanopia

34.8232, 32.7178, 37.2807

Trichromacy



Original Color

32.6189, 32.7706, 26.0789

Protanomaly

31.6568, 32.9926, 26.5295

Deuteranomaly

33.1345, 32.7985, 26.0571

Tritanomaly

33.9192, 32.5798, 32.9346

Monochromacy



Original Color

32.6189, 32.7706, 26.0789

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9263, 33.0043, 32.2915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6189, 32.7706, 26.0789 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(174, 151, 131)` looks like.

```
.text, #text, p{  
    color:rgb(174, 151, 131)  
}
```

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(174, 151, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 151, 131) }
```

Border

The CSS property to change the border of an element to XYZ 32.6189, 32.7706, 26.0789 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(174, 151, 131) }
```


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

```
.border{ border-color:rgb(174, 151, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 151, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 151, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 151, 131);  
box-shadow:4px 4px 4px 4px rgb(174, 151,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6189, 32.7706, 26.0789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 151, 131) }
```

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

```
.background{ background-color: rgb(174,  
151, 131) }
```

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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