

Converting Colors

XYZ(32.4226, 38.0383, 18.9979)

Have a look what the booklet for
XYZ(32.4226, 38.0383, 18.9979)
contains.

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Color

**XYZ(32.4226, 38.0383,
18.9979)**

Conversions

Conversions Part 1

Format	Color
Hex	A4AB69
RGB	164, 171, 105
RGB Percent	64%, 67%, 41%
CMY	0.3569, 0.3294, 0.5882
CMYK	0.04, 0.00, 0.39, 0.33
HSL	66°, 28%, 54%
HSV	66°, 39%, 67%
XYZ	32.4226, 38.0383, 18.9979
YIQ	161.3830, 17.0140, -22.0100

Conversions

Conversions Part 2

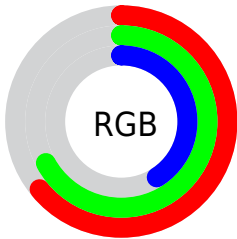
Format	Color
RYB	105, 171, 112
Decimal	10791785
CIELab	68.05, -12.92, 33.15
CIELCh	68, 35.582, 111.290
Yxy	38.0383, 0.3624, 0.4252
Android (android.graphics.Color)	4288981865 (0xFFA4AB69)
YUV	161.3830, -27.7968, 2.2951
Hunter-Lab	61.6752, -14.0943, 24.9095

Details

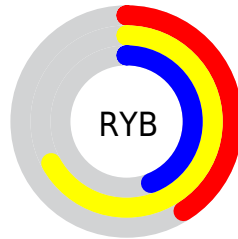
The XYZ color **32.4226, 38.0383, 18.9979** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.0858, 16.4892, 40.7071**, and the grayscale version is **34.1753, 35.9550, 39.1550**.

A 20% lighter version of the original color is **62.7974, 72.0427, 42.4941**, and **13.8662, 16.8587, 6.2646** is the 20% darker color. If you saturate the color by 10%, you get **31.2591, 37.5313, 14.8079**, and if you desaturate by 10%, it is **33.7701, 38.6222, 24.1206**.

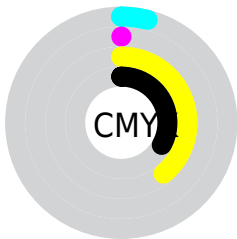
Distribution



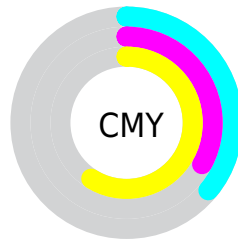
- Red (64%)
- Green (67%)
- Blue (41%)



- Red (41%)
- Yellow (67%)
- Blue (44%)



- Cyan (4%)
- Magenta (0%)
- Yellow (39%)
- Black (33%)





- Cyan (36%)
- Magenta (33%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4226, 38.0383, 18.9979 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 32.4226, 38.0383, 18.9979 by changing the saturation by 10% instead.


 32.4226, 38.0383,
18.9979


 32.4226, 38.0383,
18.9979


304.7511,
337.7842, 258.8595

 21.8416, 26.0124,
11.4920


 62.8337, 72.1668,
42.5672


 13.8565, 16.8329,
6.2804


 83.3946, 95.0383,
59.4676

 8.1020, 10.1154,
2.9448


 108.0128,
122.2937, 80.3367

 4.2126, 5.4756,
1.0665

 137.0536,
154.3175, 105.5928

 1.8231, 2.5289,
0.0000

170.8825,
191.4940, 135.6547

 0.5315, 0.8911,
0.0000

209.8648,

 0.0000, 0.0000,

234.2078, 170.9407

0.0000

254.3659,
282.8430, 211.8695

■ 32.4226, 38.0383,
18.9979

■ 32.4226, 38.0383,
18.9979

■ 31.2591, 37.5313,
14.8079

■ 33.7701, 38.6222,
24.1206

■ 30.2661, 37.0917,
11.4921

■ 35.3085, 39.2818,
30.2251

■ 29.4328, 36.7167,
8.9890


■ 37.0479, 40.0224,
37.3598


■ 28.7456, 36.4007,
7.2285


■ 38.9968, 40.8474,
45.5693


■ 28.1891, 36.1376,
6.1282


■ 41.1632, 41.7600,
54.8956


 27.7349, 35.9160,
5.5396

 43.5545, 42.7632,
65.3784

 27.6737, 35.8859,
5.4681

 46.1781, 43.8600,
77.0554

 49.0408, 45.0530,
89.9628

 51.5137, 46.0908,
100.7891

Harmonies

Analogous

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



37.7916, 38.0383, 17.9873



32.4226, 38.0383, 18.9979



28.4624, 38.0383, 25.1173

Triad

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



32.4226, 38.0383, 18.9979



29.8930, 38.0383, 70.0770



47.7397, 38.0383, 46.2113

Complementary

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



32.4226, 38.0383, 18.9979



19.0858, 16.4892, 40.7071

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.



45.1203, 38.0383, 63.5769



32.4226, 38.0383, 18.9979



34.5649, 38.0383, 79.4863

Square

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



32.4226, 38.0383, 18.9979



27.1090, 38.0383, 53.5118



40.1618, 38.0383, 76.8440



47.0163, 38.0383, 31.2980

Rectangle

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



32.4226, 38.0383, 18.9979



26.9738, 38.0383, 32.3812



40.1618, 38.0383, 76.8440



47.2120, 38.0383, 51.9950

Sweetspot

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



32.4235, 38.0400, 18.9987



65.1785, 71.1773, 62.0683



25.0959, 21.1792, 16.1304



14.4472, 15.8354, 13.4806



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.



32.4235, 38.0400, 18.9987



56.3292, 67.3659, 27.7395



26.5363, 35.0050, 18.7232



8.5777, 9.2864, 8.5537



20.8871, 27.0648, 4.1232



0.6045, 0.7650, 0.1158

Inverse Universe

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



19.0858, 16.4892, 40.7071



29.1597, 23.4462, 71.9906



24.0102, 19.0278, 40.9376



7.6549, 7.7964, 10.0541



5.7544, 2.3264, 29.1903



0.1846, 0.0774, 0.8132

Previews

White Background



This preview shows how the XYZ color 32.4226, 38.0383, 18.9979 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 32.4226, 38.0383, 18.9979 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 32.4226, 38.0383, 18.9979

Background



This preview shows how black text looks on a background with the XYZ color 32.4226, 38.0383, 18.9979.



This preview shows how white text looks on a background with the XYZ color 32.4226, 38.0383,

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

32.4226, 38.0383, 18.9979

Protanopia

35.1405, 38.0755, 18.3292

Deuteranopia

38.4868, 37.6785, 19.4316



Tritanopia

37.8483, 38.0602, 45.9090

Trichromacy



Original Color

32.4226, 38.0383, 18.9979

Protanomaly

34.1805, 38.1187, 18.6528

Deuteranomaly

36.0007, 37.6950, 19.2883

Tritanomaly

35.5034, 37.9095, 34.3002

Monochromacy



Original Color

32.4226, 38.0383, 18.9979

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.1631, 36.5147, 30.4995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4226, 38.0383, 18.9979 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(164, 171, 105)` looks like.

```
.text, #text, p{  
    color:rgb(164, 171, 105)  
}
```

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(164, 171, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 171, 105) }
```

Border

The CSS property to change the border of an element to XYZ 32.4226, 38.0383, 18.9979 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(164, 171, 105) }
```


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

```
.border{ border-color:rgb(164, 171, 105) }
```

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

Here you see how a box with a 4 pixel rgb(164, 171, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 171, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 171, 105);  
box-shadow:4px 4px 4px 4px rgb(164, 171,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4226, 38.0383, 18.9979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 171, 105) }
```

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

```
.background{ background-color: rgb(164,  
171, 105) }
```

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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