

Converting Colors

XYZ(27.4974, 26.9035, 32.2469)

Have a look what the booklet for
XYZ(27.4974, 26.9035, 32.2469)
contains.

XYZ(27.5073, 26.8336, 32.1634)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.5073, 26.8336,
32.1634)**

Conversions

Conversions Part 1

Format	Color
Hex	998995
RGB	153, 137, 149
RGB Percent	60%, 54%, 58%
CMY	0.4000, 0.4627, 0.4157
CMYK	0.00, 0.10, 0.03, 0.40
HSL	315°, 7%, 57%
HSV	315°, 10%, 60%
XYZ	27.5073, 26.8336, 32.1634
YIQ	143.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

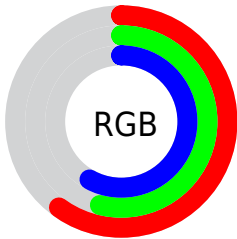
Format	Color
R _Y B	153, 137, 149
Decimal	10062229
CIE Lab	58.82, 8.23, -4.20
CIE LCh	59, 9.239, 332.974
Yxy	26.8336, 0.3180, 0.3102
Android (android.graphics.Color)	4288252309 (0xFF998995)
YUV	143.1520, 2.8831, 8.6367
Hunter-Lab	51.8012, 4.1345, -0.5524

Details

The XYZ color **27.5073, 26.8336, 32.1634** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5165, 30.0245, 29.5984**, and the grayscale version is **26.1570, 27.5192, 29.9684**.

A 20% lighter version of the original color is **54.9251, 54.4041, 64.1061**, and **11.0923, 10.5230, 13.0018** is the 20% darker color. If you saturate the color by 10%, you get **25.1846, 22.6686, 29.9072**, and if you desaturate by 10%, it is **30.1500, 31.6218, 34.5764**.

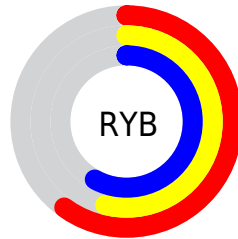
Distribution



Red (60%)

Green (54%)

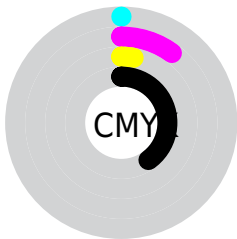
Blue (58%)



Red (60%)

Yellow (54%)

Blue (58%)

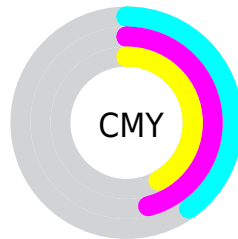


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (40%)



Cyan (40%)

Magenta (46%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5073, 26.8336, 32.1634 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 27.5073, 26.8336, 32.1634 by changing the saturation by 10% instead.

■ 27.5073, 26.8336,
32.1634

■ 27.5073, 26.8336,
32.1634

282.2280,
286.8505, 326.3786

■ 18.0931, 17.4483,
21.2205

■ 55.1110, 54.6167,
64.1680

■ 11.1170, 10.5546,
13.0925

■ 74.0313, 73.7833,
86.0668

■ 6.2134, 5.7682,
7.3608

■ 96.8510, 96.9792,
112.4547

■ 3.0172, 2.7047,
3.6069

123.9354,
124.5886, 143.7501

■ 1.1629, 0.9796,
1.4123

155.6500,
156.9961, 180.3717

■ 0.0767, 0.0000,
0.1512

192.3601,

■ 0.0000, 0.0000,

194.5860, 222.7379

0.0000

234.4309,
237.7427, 271.2674

■ 27.5073, 26.8336,
32.1634

■ 27.5073, 26.8336,
32.1634

■ 25.1846, 22.6686,
29.9072

■ 30.1500, 31.6218,
34.5764

■ 23.1665, 19.0974,
27.8013

■ 33.1227, 37.0541,
37.1490

■ 21.4400, 16.0935,
25.8412

■ 36.4377, 43.1546,
39.8861

■ 19.9900, 13.6271,
24.0213

■ 40.1059, 49.9452,
42.7919

■ 18.8002, 11.6654,
22.3357

■ 44.1380, 57.4468,
45.8702

■ 17.8522, 10.1723,
20.7778

■ 48.5440, 65.6795,
49.1249

■ 17.1255, 9.1067,
19.3402

■ 53.3336, 74.6623,
52.5597

■ 16.5960, 8.4204,
18.0145

■ 57.0948, 81.5715,
55.7043

■ 16.2169, 8.0043,
16.8337

■ 57.4889, 81.7291,
57.7795

Harmonies

Analogous

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



26.7162, 26.8336, 34.8061



27.5073, 26.8336, 32.1634



27.7567, 26.8336, 28.8927

Triad

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



27.5073, 26.8336, 32.1634



25.3910, 26.8336, 23.3860



23.7096, 26.8336, 32.7687

Complementary

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



27.5073, 26.8336, 32.1634



26.5165, 30.0245, 29.5984

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.



23.3776, 26.8336, 29.5442



27.5073, 26.8336, 32.1634



24.3301, 26.8336, 24.2611

Square

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



27.5073, 26.8336, 32.1634



26.5135, 26.8336, 23.9745



23.6014, 26.8336, 26.4567



24.5215, 26.8336, 35.1734

Rectangle

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



27.5073, 26.8336, 32.1634



27.5762, 26.8336, 26.8349



23.6014, 26.8336, 26.4567



23.5393, 26.8336, 31.7365

Sweetspot

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



27.5081, 26.8348, 32.1640



52.7067, 54.2887, 60.7697



25.6811, 25.8554, 33.7742



11.5559, 11.8383, 13.3443



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.5081, 26.8348, 32.1640



48.0412, 45.8572, 56.4416



26.8911, 26.5880, 28.9152



6.3952, 6.2972, 7.4612



13.4167, 6.6209, 13.9852



0.2147, 0.1046, 0.2835

Inverse Universe

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



27.5081, 26.8348, 32.1640



48.0412, 45.8572, 56.4416



27.1334, 30.2713, 32.8472



6.3952, 6.2972, 7.4612



13.4167, 6.6209, 13.9852



0.2147, 0.1046, 0.2835

Previews

White Background



This preview shows how the XYZ color 27.5073, 26.8336, 32.1634 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5073, 26.8336, 32.1634 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 × Fail

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

XYZ 27.5073, 26.8336, 32.1634

Background



This preview shows how black text looks on a background with the XYZ color 27.5073, 26.8336, 32.1634.



This preview shows how white text looks on a background with the XYZ color 27.5073, 26.8336,

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

27.5073, 26.8336, 32.1634

Protanopia

26.0953, 26.9468, 33.1040

Deuteranopia

27.3194, 26.7366, 32.1546



Tritanopia

27.4278, 26.8017, 31.7446

Trichromacy



Original Color

27.5073, 26.8336, 32.1634

Protanomaly

26.5602, 26.9779, 32.6615

Deuteranomaly

27.3194, 26.7366, 32.1546

Tritanomaly

27.4278, 26.8017, 31.7446

Monochromacy



Original Color

27.5073, 26.8336, 32.1634

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.6683, 27.2971, 30.6514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5073, 26.8336, 32.1634 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(153, 137, 149)` looks like.

```
.text, #text, p{  
    color:rgb(153, 137, 149)  
}
```

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(153, 137, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 137, 149) }
```

Border

The CSS property to change the border of an element to XYZ 27.5073, 26.8336, 32.1634 is called "border". The border property can be set on classes, ids or directly on the HTML element.

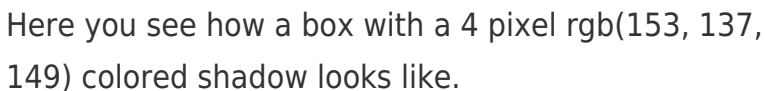
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 137, 149) }
```


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

```
.border{ border-color:rgb(153, 137, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 137, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 137, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 137, 149); box-shadow:4px 4px 4px 4px rgb(153, 137, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5073, 26.8336, 32.1634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 137, 149) }
```

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

```
.background{ background-color: rgb(153,  
137, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor