

Converting Colors

XYZ(27.6387, 32.3413, 33.2675)

Have a look what the booklet for
XYZ(27.6387, 32.3413, 33.2675)
contains.

XYZ(27.5113, 32.2171, 33.2023)	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(27.5113, 32.2171,
33.2023)**

Conversions

Conversions Part 1

Format	Color
Hex	84A095
RGB	132, 160, 149
RGB Percent	52%, 63%, 58%
CMY	0.4823, 0.3725, 0.4157
CMYK	0.18, 0.00, 0.07, 0.37
HSL	156°, 13%, 57%
HSV	156°, 18%, 63%
XYZ	27.5113, 32.2171, 33.2023
YIQ	150.3740, -13.1570, -9.3570

Conversions

Conversions Part 2

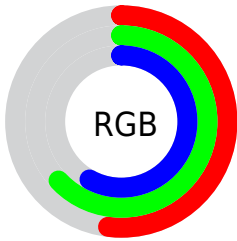
Format	Color
RYB	132, 149, 160
Decimal	8691861
CIELab	63.52, -12.02, 2.49
CIElCh	64, 12.276, 168.298
Yxy	32.2171, 0.2960, 0.3467
Android (android.graphics.Color)	4286881941 (0xFF84A095)
YUV	150.3740, -0.6774, -16.1140
Hunter-Lab	56.7601, -12.8123, 5.0499

Details

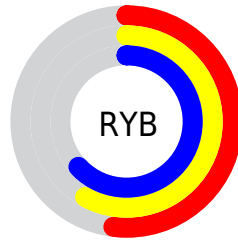
The XYZ color **27.5113, 32.2171, 33.2023** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.7075, 25.9600, 29.5383**, and the grayscale version is **29.1558, 30.6742, 33.4042**.

A 20% lighter version of the original color is **55.0875, 63.2270, 65.8005**, and **11.0468, 13.4008, 13.5597** is the 20% darker color. If you saturate the color by 10%, you get **24.7103, 30.8304, 30.5219**, and if you desaturate by 10%, it is **30.7250, 33.8151, 36.0448**.

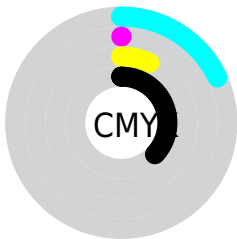
Distribution



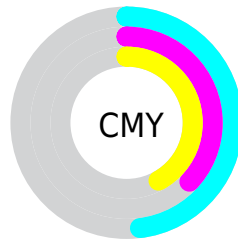
- Red (52%)
- Green (63%)
- Blue (58%)



- Red (52%)
- Yellow (58%)
- Blue (63%)



- Cyan (18%)
- Magenta (0%)
- Yellow (7%)
- Black (37%)



- Cyan (48%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5113, 32.2171, 33.2023 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 27.5113, 32.2171, 33.2023 by changing the saturation by 10% instead.

■ 27.5113, 32.2171,
33.2023

■ 27.5113, 32.2171,
33.2023

282.2469,
312.1070, 331.2202

■ 18.0962, 21.5274,
22.0091

■ 55.1174, 63.1513,
65.8109

■ 11.1192, 13.5100,
13.6652

■ 74.0390, 84.1645,
88.0633

■ 6.2149, 7.7807,
7.7521

■ 96.8602, 109.3877,
114.8393

■ 3.0181, 3.9549,
3.8512

123.9463,
139.2053, 146.5572

■ 1.1633, 1.6484,
1.5441

155.6627,
174.0016, 183.6358

■ 0.0771, 0.3899,
0.2505

192.3747,

■ 0.0000, 0.0000,

214.1611, 226.4934

0.0000

234.4476,
260.0681, 275.5487

■ 27.5113, 32.2171,
33.2023

■ 27.5113, 32.2171,
33.2023

■ 24.7103, 30.8304,
30.5219

■ 30.7250, 33.8151,
36.0448

■ 22.3014, 29.6420,
27.9984

■ 34.3654, 35.6291,
39.0503

■ 20.2663, 28.6432,
25.6294

■ 38.4492, 37.6684,
42.2222

■ 18.5842, 27.8234,
23.4116

■ 42.9914, 39.9407,
45.5634

■ 17.2320, 27.1707,
21.3415

■ 48.0061, 42.4533,
49.0765

■ 16.1837, 26.6718,
19.4155

■ 53.5071, 45.2133,
52.7641

■ 15.4094, 26.3114,
17.6297

■ 59.5073, 48.2272,
56.6289

■ 14.8597, 26.0640,
15.9791

■ 64.1544, 50.5401,
60.5860

■ 14.7355, 26.0085,
15.5864

■ 64.9011, 50.8388,
64.5181

Harmonies

Analogous

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



28.2300, 32.2171, 29.1764



27.5113, 32.2171, 33.2023



27.6026, 32.2171, 38.1212

Triad

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



27.5113, 32.2171, 33.2023



31.6660, 32.2171, 44.8073



32.8627, 32.2171, 28.5036

Complementary

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



27.5113, 32.2171, 33.2023



27.7075, 25.9600, 29.5383

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.



33.8526, 32.2171, 32.2030



27.5113, 32.2171, 33.2023



33.1441, 32.2171, 41.7283

Square

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



27.5113, 32.2171, 33.2023



29.9589, 32.2171, 45.1384



33.9575, 32.2171, 37.0250



31.2936, 32.2171, 26.6374

Rectangle

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



27.5113, 32.2171, 33.2023



28.1112, 32.2171, 41.2487



33.9575, 32.2171, 37.0250



33.2767, 32.2171, 29.5573

Sweetspot

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



27.5122, 32.2184, 33.2030



57.3026, 62.1510, 66.7288



28.0990, 32.6665, 26.6544



12.4753, 13.5848, 14.5572



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.



27.5122, 32.2184, 33.2030



47.8789, 57.4686, 58.3495



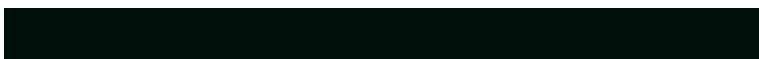
27.9527, 31.6266, 37.8907



6.7113, 7.4653, 7.9145



11.5003, 20.2680, 12.2573



0.2260, 0.3705, 0.3263

Inverse Universe

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



27.7075, 25.9600, 29.5383



48.3013, 43.9441, 50.4321



27.2991, 26.4124, 25.4894



6.7356, 6.6872, 7.4587



12.0095, 6.1084, 4.3011



0.2349, 0.1173, 0.1829

Previews

White Background



This preview shows how the XYZ color 27.5113, 32.2171, 33.2023 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 27.5113, 32.2171, 33.2023 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 27.5113, 32.2171, 33.2023

Background



This preview shows how black text looks on a background with the XYZ color 27.5113, 32.2171, 33.2023.



This preview shows how white text looks on a background with the XYZ color 27.5113, 32.2171,

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

27.5113, 32.2171, 33.2023

Protanopia

30.6026, 32.0959, 31.3703

Deuteranopia

32.5380, 31.8492, 33.7107



Tritanopia

29.3717, 32.2128, 42.2057

Trichromacy



Original Color

27.5113, 32.2171, 33.2023

Protanomaly

29.4712, 32.2418, 31.8641

Deuteranomaly

30.4436, 31.7264, 33.3734

Tritanomaly

28.7401, 32.2133, 38.8854

Monochromacy



Original Color

27.5113, 32.2171, 33.2023

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.3883, 31.1529, 33.3710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5113, 32.2171, 33.2023 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(132, 160, 149)` looks like.

```
.text, #text, p{  
    color:rgb(132, 160, 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(132, 160, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 160, 149) }
```

Border

The CSS property to change the border of an element to XYZ 27.5113, 32.2171, 33.2023 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(132, 160, 149) }
```


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

```
.border{ border-color:rgb(132, 160, 149) }
```

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

Here you see how a box with a 4 pixel rgb(132, 160, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 160, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 160, 149);  
box-shadow:4px 4px 4px 4px rgb(132, 160,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5113, 32.2171, 33.2023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 160, 149) }
```

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

```
.background{ background-color: rgb(132,  
160, 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