

Converting Colors

XYZ(27.3706, 29.7333, 32.2113)

Have a look what the booklet for
XYZ(27.3706, 29.7333, 32.2113)
contains.

XYZ(27.4070, 29.7016, 32.3055)	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(27.4070, 29.7016,
32.3055)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9694
RGB	142, 150, 148
RGB Percent	56%, 59%, 58%
CMY	0.4431, 0.4118, 0.4196
CMYK	0.05, 0.00, 0.01, 0.41
HSL	165°, 4%, 57%
HSV	165°, 5%, 59%
XYZ	27.4070, 29.7016, 32.3055
YIQ	147.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

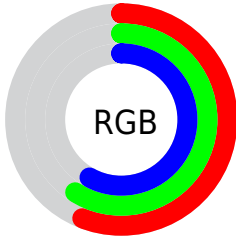
Format	Color
R_{YB}	142, 147, 150
Decimal	9344660
CIE Lab	61.40, -3.28, 0.05
CIE LCh	61, 3.276, 179.170
Yxy	29.7016, 0.3065, 0.3322
Android (android.graphics.Color)	4287534740 (0xFF8E9694)
YUV	147.3800, 0.3057, -4.7183
Hunter-Lab	54.4992, -5.6080, 3.0041

Details

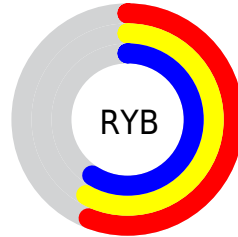
The XYZ color **27.4070, 29.7016, 32.3055** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.2858, 27.8445, 30.3234**, and the grayscale version is **27.8912, 29.3437, 31.9553**.

A 20% lighter version of the original color is **55.0185, 59.1858, 64.4013**, and **11.0331, 12.0621, 13.0560** is the 20% darker color. If you saturate the color by 10%, you get **24.7125, 28.3471, 30.6540**, and if you desaturate by 10%, it is **30.4593, 31.2410, 34.0252**.

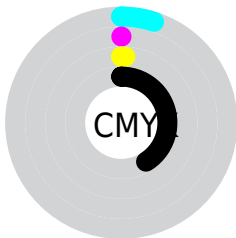
Distribution



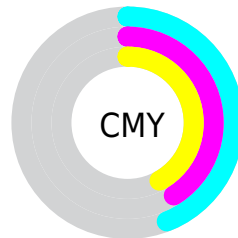
- Red (56%)
- Green (59%)
- Blue (58%)



- Red (56%)
- Yellow (58%)
- Blue (59%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4070, 29.7016, 32.3055 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 27.4070, 29.7016, 32.3055 by changing the saturation by 10% instead.

■ 27.4070, 29.7016,
32.3055

■ 27.4070, 29.7016,
32.3055

281.7541,
300.5111, 327.0441

■ 18.0173, 19.6122,
21.3282

■ 54.9516, 59.1900,
64.3932

■ 11.0622, 12.1135,
13.1705

■ 73.8372, 79.3577,
86.3406

■ 6.1763, 6.8210,
7.4140

■ 96.6187, 103.6537,
112.7819

■ 2.9942, 3.3504,
3.6400

123.6617,
132.4623, 144.1355

■ 1.1507, 1.3173,
1.4300

155.3313,
166.1680, 180.8200

■ 0.0669, 0.1545,
0.1649

191.9931,

■ 0.0000, 0.0000,

205.1551, 223.2539

0.0000

234.0122,
249.8079, 271.8557

■ 27.4070, 29.7016,
32.3055

■ 27.4070, 29.7016,
32.3055

■ 24.7125, 28.3471,
30.6540

■ 30.4593, 31.2410,
34.0252

■ 22.3592, 27.1667,
29.0678

■ 33.8797, 32.9684,
35.8123

■ 20.3335, 26.1539,
27.5462

■ 37.6817, 34.8912,
37.6685

■ 18.6194, 25.3008,
26.0881

■ 41.8769, 37.0156,
39.5948

■ 17.1997, 24.5983,
24.6921

■ 46.4767, 39.3474,
41.5921

■ 16.0555, 24.0369,
23.3569

■ 51.4918, 41.8922,
43.6614

■ 15.1658, 23.6055,
22.0810

■ 56.9328, 44.6554,
45.8036

■ 14.5062, 23.2918,
20.8628

■ 60.1856, 46.2893,
47.8968

■ 14.0444, 23.0789,
19.7001

■ 60.5678, 46.4422,
49.9095

Harmonies

Analogous

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



27.5223, 29.7016, 31.1346



27.4070, 29.7016, 32.3055



27.5105, 29.7016, 33.5149

Triad

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



27.4070, 29.7016, 32.3055



28.6378, 29.7016, 34.4648



28.6589, 29.7016, 30.3375

Complementary

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



27.4070, 29.7016, 32.3055



27.2858, 27.8445, 30.3234

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.



28.9630, 29.7016, 31.1929



27.4070, 29.7016, 32.3055



28.9507, 29.7016, 33.5761

Square

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



27.4070, 29.7016, 32.3055



28.2184, 29.7016, 34.7806



29.0703, 29.7016, 32.3745



28.2425, 29.7016, 30.0163

Rectangle

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



27.4070, 29.7016, 32.3055



27.6902, 29.7016, 34.1760



29.0703, 29.7016, 32.3745



28.7778, 29.7016, 30.5710

Sweetspot

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



27.4078, 29.7029, 32.3062



50.0702, 53.2746, 57.9968



27.3147, 29.7083, 29.8863



11.1113, 11.8140, 12.8615



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



27.4078, 29.7029, 32.3062



47.9713, 52.2174, 56.7777



27.2721, 29.1756, 33.0497



6.0748, 6.6243, 7.2019



11.5060, 19.0752, 15.9720



0.1526, 0.2382, 0.2575

Inverse Universe

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



27.2858, 27.8445, 30.3234



47.7256, 48.4755, 52.7854



27.4142, 28.3441, 29.6177



6.0421, 6.1254, 6.6696



10.7270, 5.4959, 2.0434



0.1417, 0.0714, 0.0796

Previews

White Background



This preview shows how the XYZ color 27.4070, 29.7016, 32.3055 looks on a white background.

Color Contrast Check

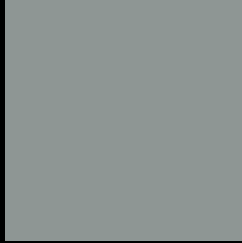
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4070, 29.7016, 32.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

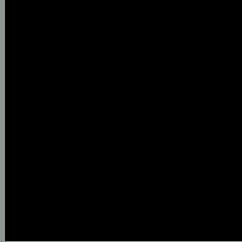
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4070, 29.7016, 32.3055

Background



This preview shows how black text looks on a background with the XYZ color 27.4070, 29.7016, 32.3055.



This preview shows how white text looks on a background with the XYZ color 27.4070, 29.7016,

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

27.4070, 29.7016, 32.3055

Protanopia

28.4627, 29.5533, 31.8080

Deuteranopia

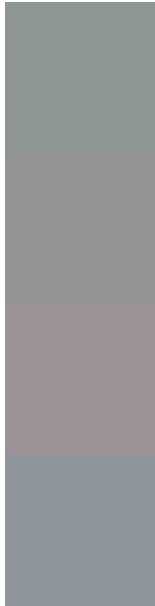
30.1476, 29.4962, 32.5382



Tritanopia

28.4367, 29.6472, 37.4814

Trichromacy



Original Color

27.4070, 29.7016, 32.3055

Protanomaly

28.0691, 29.5823, 31.8343

Deuteranomaly

29.2213, 29.6963, 32.6256

Tritanomaly

28.0759, 29.7348, 35.7121

Monochromacy



Original Color

27.4070, 29.7016, 32.3055

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5334, 29.3061, 31.8092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4070, 29.7016, 32.3055 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(142, 150, 148)` looks like.

```
.text, #text, p{  
    color:rgb(142, 150, 148)  
}
```

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(142, 150, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 150, 148) }
```

Border

The CSS property to change the border of an element to XYZ 27.4070, 29.7016, 32.3055 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(142, 150, 148) }
```


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

```
.border{ border-color:rgb(142, 150, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 150, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 150, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 150, 148);  
box-shadow:4px 4px 4px 4px rgb(142, 150,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4070, 29.7016, 32.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 150, 148) }
```

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

```
.background{ background-color: rgb(142,  
150, 148) }
```

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