

Converting Colors

XYZ(29.6042, 32.1864, 27.9284)

Have a look what the booklet for
XYZ(29.6042, 32.1864, 27.9284)
contains.

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Color

**XYZ(29.4917, 32.0903,
27.9322)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9B88
RGB	154, 155, 136
RGB Percent	60%, 61%, 53%
CMY	0.3961, 0.3921, 0.4667
CMYK	0.01, 0.00, 0.12, 0.39
HSL	63°, 9%, 57%
HSV	63°, 12%, 61%
XYZ	29.4917, 32.0903, 27.9322
YIQ	152.5350, 5.5030, -6.1210

Conversions

Conversions Part 2

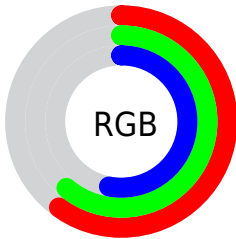
Format	Color
RYB	136, 155, 137
Decimal	10132360
CIELab	63.42, -3.82, 9.85
CIELCh	63, 10.561, 111.193
Yxy	32.0903, 0.3295, 0.3585
Android (android.graphics.Color)	4288322440 (0xFF9A9B88)
YUV	152.5350, -8.1518, 1.2848
Hunter-Lab	56.6483, -6.2056, 10.4190

Details

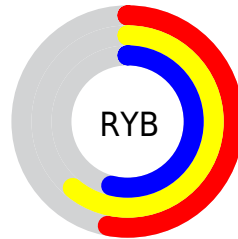
The XYZ color **29.4917, 32.0903, 27.9322** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0383, 25.2941, 34.5747**, and the grayscale version is **30.1096, 31.6777, 34.4970**.

A 20% lighter version of the original color is **57.9982, 62.6849, 57.1867**, and **12.2235, 13.4561, 10.7571** is the 20% darker color. If you saturate the color by 10%, you get **28.3139, 31.6023, 22.5366**, and if you desaturate by 10%, it is **30.8316, 32.6454, 34.1684**.

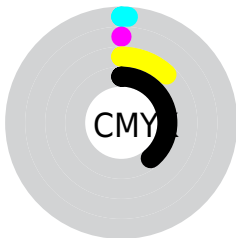
Distribution



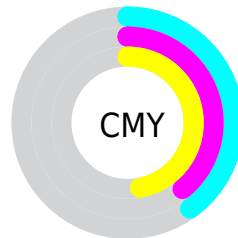
- Red (60%)
- Green (61%)
- Blue (53%)



- Red (53%)
- Yellow (61%)
- Blue (54%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (39%)



- Cyan (40%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4917, 32.0903, 27.9322 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 29.4917, 32.0903, 27.9322 by changing the saturation by 10% instead.

■ 29.4917, 32.0903,
27.9322

■ 29.4917, 32.0903,
27.9322

291.4804,
311.5304, 306.0445

■ 19.5992, 21.4305,
18.0360

■ 58.2496, 62.9526,
57.3980

■ 12.2106, 13.4390,
10.8061

■ 77.8457, 83.9239,
77.8046

■ 6.9605, 7.7316,
5.8241

■ 101.4071,
109.1012, 102.5517

■ 3.4835, 3.9237,
2.6713

129.2991,
138.8687, 132.0580

■ 1.4143, 1.6310,
0.9290

161.8871,
173.6111, 166.7418

■ 0.2664, 0.3783,
0.0000

199.5364,

■ 0.0000, 0.0000,

213.7125, 207.0219

0.0000

242.6124,
259.5575, 253.3166

■ 29.4917, 32.0903,
27.9322

■ 29.4917, 32.0903,
27.9322

■ 28.3139, 31.6023,
22.5366

■ 30.8316, 32.6454,
34.1684

■ 27.2889, 31.1745,
17.9437

■ 32.3375, 33.2659,
41.2768

■ 26.4102, 30.8053,
14.1157

■ 34.0162, 33.9557,
49.2899

■ 25.6699, 30.4916,
11.0110

■ 35.8736, 34.7171,
58.2381

■ 25.0593, 30.2299,
8.5841

■ 37.9151, 35.5522,
68.1501

■ 24.5689, 30.0164,
6.7842

■ 40.1459, 36.4632,
79.0536

■ 24.1876, 29.8467,
5.5536

■ 42.5710, 37.4521,
90.9750

■ 23.9024, 29.7156,
4.8237

■ 44.3791, 38.1942,
99.6409

■ 23.7223, 29.6304,
4.4689

■ 44.5439, 38.2792,
99.6487

Harmonies

Analogous

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



30.9351, 32.0903, 27.5451



29.4917, 32.0903, 27.9322



28.3536, 32.0903, 30.1153

Triad

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



29.4917, 32.0903, 27.9322



28.7658, 32.0903, 41.6271



33.3764, 32.0903, 36.1933

Complementary

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



29.4917, 32.0903, 27.9322



25.0383, 25.2941, 34.5747

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.



32.7539, 32.0903, 40.2562



29.4917, 32.0903, 27.9322



30.0707, 32.0903, 43.5544

Square

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



29.4917, 32.0903, 27.9322



27.9439, 32.0903, 37.9458



31.5328, 32.0903, 43.0336



33.2093, 32.0903, 32.0990

Rectangle

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



29.4917, 32.0903, 27.9322



27.9060, 32.0903, 32.3989



31.5328, 32.0903, 43.0336



33.2518, 32.0903, 37.6125

Sweetspot

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



29.4926, 32.0917, 27.9329



54.7551, 58.2721, 59.0434



26.9011, 26.6240, 27.0141



12.3534, 13.1730, 13.1764



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.4926, 32.0917, 27.9329



52.1451, 57.1919, 46.9352



27.7644, 31.2008, 27.8520



6.6767, 7.2063, 6.6449



19.0630, 23.8032, 3.5898



0.2934, 0.3602, 0.0541

Inverse Universe

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



25.0383, 25.2941, 34.5747



42.3981, 42.3166, 61.4696



26.6558, 26.1279, 34.6504



5.9132, 6.0411, 7.7834



4.8448, 1.9486, 25.0285



0.0795, 0.0328, 0.3745

Previews

White Background



This preview shows how the XYZ color 29.4917, 32.0903, 27.9322 looks on a white background.

Color Contrast Check

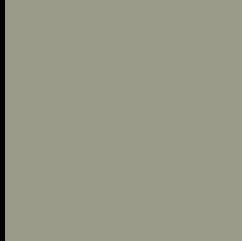
Large Text (above 18pt) WCAG AA × Fail

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 29.4917, 32.0903, 27.9322 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

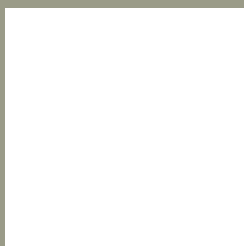
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4917, 32.0903, 27.9322

Background



This preview shows how black text looks on a background with the XYZ color 29.4917, 32.0903, 27.9322.



This preview shows how white text looks on a background with the XYZ color 29.4917, 32.0903,

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

29.4917, 32.0903, 27.9322

Protanopia

30.2616, 32.0053, 27.5044

Deuteranopia

32.5608, 31.9846, 28.1244



Tritanopia

31.7780, 32.0467, 39.1611

Trichromacy



Original Color

29.4917, 32.0903, 27.9322

Protanomaly

30.0293, 32.1296, 27.5406

Deuteranomaly

31.5183, 32.1548, 28.2122

Tritanomaly

30.8826, 31.9245, 34.6713

Monochromacy



Original Color

29.4917, 32.0903, 27.9322

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.9589, 31.9901, 32.1995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4917, 32.0903, 27.9322 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(154, 155, 136)` looks like.

```
.text, #text, p{  
    color:rgb(154, 155, 136)  
}
```

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(154, 155, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 155, 136) }
```

Border

The CSS property to change the border of an element to XYZ 29.4917, 32.0903, 27.9322 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(154, 155, 136) }
```


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

```
.border{ border-color:rgb(154, 155, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 155, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 155, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 155, 136);  
box-shadow:4px 4px 4px 4px rgb(154, 155,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4917, 32.0903, 27.9322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 155, 136) }
```

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

```
.background{ background-color: rgb(154,  
155, 136) }
```

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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