

Converting Colors

XYZ(29.5299, 32.5588, 29.7048)

Have a look what the booklet for
XYZ(29.5299, 32.5588, 29.7048)
contains.

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Color

**XYZ(29.5531, 32.5867,
29.5432)**

Conversions

Conversions Part 1

Format	Color
Hex	979D8C
RGB	151, 157, 140
RGB Percent	59%, 62%, 55%
CMY	0.4078, 0.3843, 0.4510
CMYK	0.04, 0.00, 0.11, 0.38
HSL	81°, 8%, 58%
HSV	81°, 11%, 62%
XYZ	29.5531, 32.5867, 29.5432
YIQ	153.2680, 1.8810, -6.5590

Conversions

Conversions Part 2

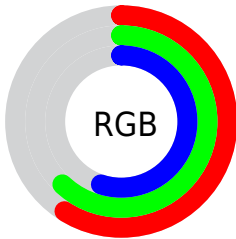
Format	Color
RYB	140, 157, 146
Decimal	9936268
CIELab	63.82, -5.34, 8.15
CIELCh	64, 9.744, 123.225
Yxy	32.5867, 0.3223, 0.3554
Android (android.graphics.Color)	4288126348 (0xFF979D8C)
YUV	153.2680, -6.5411, -1.9890
Hunter-Lab	57.0848, -7.4879, 9.2749

Details

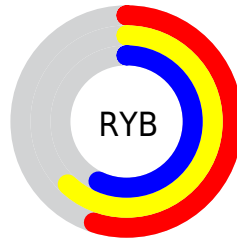
The XYZ color **29.5531, 32.5867, 29.5432** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.3192, 27.3024, 35.7300**, and the grayscale version is **30.4228, 32.0072, 34.8558**.

A 20% lighter version of the original color is **58.4579, 63.9611, 60.3036**, and **12.2550, 13.7556, 11.6820** is the 20% darker color. If you saturate the color by 10%, you get **27.4726, 31.6395, 23.8278**, and if you desaturate by 10%, it is **31.8490, 33.6278, 36.1324**.

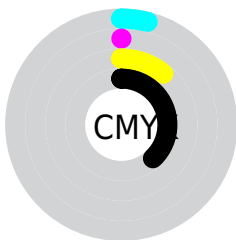
Distribution



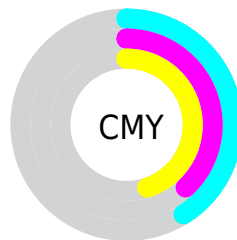
- Red (59%)
- Green (62%)
- Blue (55%)



- Red (55%)
- Yellow (62%)
- Blue (57%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)



- Cyan (41%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5531, 32.5867, 29.5432 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 29.5531, 32.5867, 29.5432 by changing the saturation by 10% instead.

■ 29.5531, 32.5867,
29.5432

■ 29.5531, 32.5867,
29.5432

291.7631,
313.7833, 313.9101

■ 19.6460, 21.8100,
19.2430

■ 58.3462, 63.7297,
59.9915

■ 12.2448, 13.7174,
11.6674

■ 77.9629, 84.8649,
80.9766

■ 6.9840, 7.9244,
6.3979

■ 101.5469,
110.2216, 106.3605

■ 3.4983, 4.0466,
3.0158

129.4635,
140.1843, 136.5617

■ 1.4224, 1.6997,
1.1027

162.0781,
175.1375, 171.9987

■ 0.2721, 0.4234,
0.0000

199.7560,

■ 0.0000, 0.0000,

215.4654, 213.0901

0.0000

242.8625,
261.5525, 260.2544

■ 29.5531, 32.5867,
29.5432

■ 29.5531, 32.5867,
29.5432

■ 27.4726, 31.6395,
23.8278

■ 31.8490, 33.6278,
36.1324

■ 25.5973, 30.7788,
18.9473

■ 34.3647, 34.7614,
43.6277

■ 23.9197, 30.0027,
14.8631

■ 37.1081, 35.9918,
52.0625

■ 22.4314, 29.3075,
11.5329

■ 40.0857, 37.3217,
61.4678

■ 21.1226, 28.6895,
8.9101

■ 43.3036, 38.7536,
71.8733

■ 19.9829, 28.1444,
6.9432

■ 46.7678, 40.2900,
83.3071

■ 19.0005, 27.6672,
5.5738

■ 50.4841, 41.9332,
95.7967

■ 18.1616, 27.2525,
4.7328

■ 52.7030, 42.9836,
100.1267

■ 17.4886, 26.9150,
4.2734

■ 54.1655, 43.7375,
100.1951

Harmonies

Analogous

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



30.8249, 32.5867, 28.4765



29.5531, 32.5867, 29.5432



28.6823, 32.5867, 32.1936

Triad

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



29.5531, 32.5867, 29.5432



29.8023, 32.5867, 42.6438



33.6749, 32.5867, 35.0591

Complementary

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



29.5531, 32.5867, 29.5432



27.3192, 27.3024, 35.7300

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.



33.3819, 32.5867, 38.9857



29.5531, 32.5867, 29.5432



31.1210, 32.5867, 43.5500

Square

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



29.5531, 32.5867, 29.5432



28.8232, 32.5867, 39.7730



32.4370, 32.5867, 42.1663



33.2265, 32.5867, 31.5102

Rectangle

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



29.5531, 32.5867, 29.5432



28.4324, 32.5867, 34.5998



32.4370, 32.5867, 42.1663



33.6599, 32.5867, 36.3778

Sweetspot

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



29.5540, 32.5881, 29.5439



56.0857, 59.7916, 61.9384



28.9106, 29.6050, 29.0020



12.2698, 13.1244, 13.4221



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.



29.5540, 32.5881, 29.5439



51.9885, 57.9330, 50.2884



28.0416, 31.8084, 29.4731



6.9427, 7.6031, 7.0873



14.2444, 21.8800, 3.4725



0.2990, 0.4141, 0.0642

Inverse Universe

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



27.3192, 27.3024, 35.7300



47.1714, 46.5389, 63.6234



28.8773, 28.1056, 35.8029



6.4947, 6.5435, 8.3274



6.2789, 2.6659, 26.0909



0.1560, 0.0702, 0.4686

Previews

White Background



This preview shows how the XYZ color 29.5531, 32.5867, 29.5432 looks on a white background.

Color Contrast Check

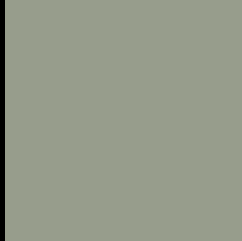
Large Text (above 18pt) WCAG AA × Fail

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 29.5531, 32.5867, 29.5432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

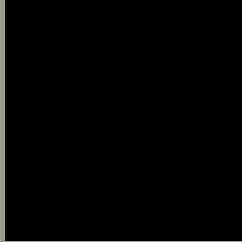
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

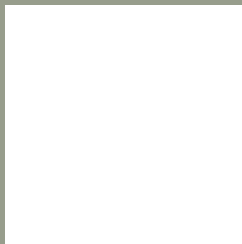
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5531, 32.5867, 29.5432

Background



This preview shows how black text looks on a background with the XYZ color 29.5531, 32.5867, 29.5432.



This preview shows how white text looks on a background with the XYZ color 29.5531, 32.5867,

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

29.5531, 32.5867, 29.5432

Protanopia

30.8410, 32.5232, 28.6969

Deuteranopia

33.0855, 32.4466, 30.1102



Tritanopia

31.7003, 32.4676, 40.1934

Trichromacy



Original Color

29.5531, 32.5867, 29.5432

Protanomaly

30.2862, 32.4749, 29.0981

Deuteranomaly

31.7618, 32.4866, 29.7958

Tritanomaly

30.8828, 32.3815, 36.0751

Monochromacy



Original Color

29.5531, 32.5867, 29.5432

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.8498, 31.9247, 32.6058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5531, 32.5867, 29.5432 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(151, 157, 140)` looks like.

```
.text, #text, p{  
    color:rgb(151, 157, 140)  
}
```

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(151, 157, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 157, 140) }
```

Border

The CSS property to change the border of an element to XYZ 29.5531, 32.5867, 29.5432 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(151, 157, 140) }
```


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

```
.border{ border-color:rgb(151, 157, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 157, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 157, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 157, 140); box-shadow:4px 4px 4px 4px rgb(151, 157, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5531, 32.5867, 29.5432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 157, 140) }
```

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

```
.background{ background-color: rgb(151,  
157, 140) }
```

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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