

Converting Colors

XYZ(29.1367, 32.1312, 29.0930)

Have a look what the booklet for
XYZ(29.1367, 32.1312, 29.0930)
contains.

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Color

**XYZ(29.1263, 32.1250,
29.0917)**

Conversions

Conversions Part 1

Format	Color
Hex	969C8B
RGB	150, 156, 139
RGB Percent	59%, 61%, 55%
CMY	0.4118, 0.3882, 0.4549
CMYK	0.04, 0.00, 0.11, 0.39
HSL	81°, 8%, 58%
HSV	81°, 11%, 61%
XYZ	29.1263, 32.1250, 29.0917
YIQ	152.2680, 1.8810, -6.5590

Conversions

Conversions Part 2

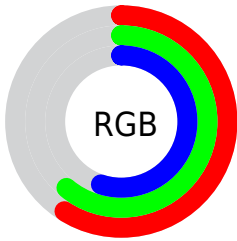
Format	Color
RYB	139, 156, 145
Decimal	9870475
CIELab	63.45, -5.34, 8.16
CIElCh	63, 9.756, 123.222
Yxy	32.1250, 0.3224, 0.3556
Android (android.graphics.Color)	4288060555 (0xFF969C8B)
YUV	152.2680, -6.5411, -1.9890
Hunter-Lab	56.6789, -7.4601, 9.2434

Details

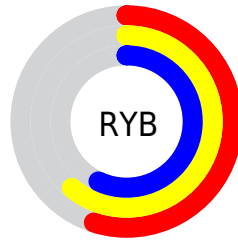
The XYZ color **29.1263, 32.1250, 29.0917** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9117, 26.8861, 35.2253**, and the grayscale version is **29.9883, 31.5500, 34.3580**.

A 20% lighter version of the original color is **57.4629, 62.7363, 58.9499**, and **12.0003, 13.4771, 11.4200** is the 20% darker color. If you saturate the color by 10%, you get **27.0772, 31.1921, 23.4643**, and if you desaturate by 10%, it is **31.3875, 33.1504, 35.5796**.

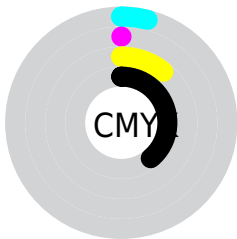
Distribution



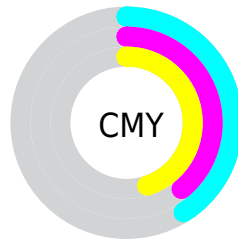
- Red (59%)
- Green (61%)
- Blue (55%)



- Red (55%)
- Yellow (61%)
- Blue (57%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (39%)



- Cyan (41%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1263, 32.1250, 29.0917 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 29.1263, 32.1250, 29.0917 by changing the saturation by 10% instead.

■ 29.1263, 32.1250,
29.0917

■ 29.1263, 32.1250,
29.0917

289.7939,
311.6883, 311.7218

■ 19.3211, 21.4570,
18.9040

■ 57.6739, 63.0070,
59.2667

■ 12.0079, 13.4585,
11.4248

■ 77.1470, 83.9898,
80.0910

■ 6.8213, 7.7450,
6.2356

■ 100.5735,
109.1796, 105.2981

■ 3.3959, 3.9322,
2.9178

128.3187,
138.9609, 135.3063

■ 1.3664, 1.6357,
1.0528

160.7480,
173.7180, 170.5342

■ 0.2321, 0.3815,
0.0000

198.2267,

■ 0.0000, 0.0000,

213.8353, 211.4004

0.0000

241.1202,
259.6973, 258.3235

■ 29.1263, 32.1250,
29.0917

■ 29.1263, 32.1250,
29.0917

■ 27.0772, 31.1921,
23.4643

■ 31.3875, 33.1504,
35.5796

■ 25.2301, 30.3443,
18.6590

■ 33.8652, 34.2669,
42.9597

■ 23.5779, 29.5798,
14.6379

■ 36.5671, 35.4788,
51.2650

■ 22.1119, 28.8951,
11.3592

■ 39.4996, 36.7886,
60.5261

■ 20.8228, 28.2864,
8.7771

■ 42.6688, 38.1988,
70.7719

■ 19.7002, 27.7494,
6.8409

■ 46.0805, 39.7120,
82.0306

■ 18.7325, 27.2793,
5.4930

■ 49.7405, 41.3304,
94.3288

■ 17.9060, 26.8707,
4.6654

■ 52.2039, 42.4761,
100.0550

■ 17.2474, 26.5405,
4.2138

■ 53.6446, 43.2188,
100.1224

Harmonies

Analogous

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



30.3874, 32.1250, 28.0349



29.1263, 32.1250, 29.0917



28.2629, 32.1250, 31.7185

Triad

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



29.1263, 32.1250, 29.0917



29.3732, 32.1250, 42.0840



33.2141, 32.1250, 34.5603

Complementary

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



29.1263, 32.1250, 29.0917



26.9117, 26.8861, 35.2253

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.



32.9233, 32.1250, 38.4550



29.1263, 32.1250, 29.0917



30.6808, 32.1250, 42.9836

Square

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



29.1263, 32.1250, 29.0917



28.4024, 32.1250, 39.2352



31.9860, 32.1250, 41.6106



32.7693, 32.1250, 31.0417

Rectangle

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



29.1263, 32.1250, 29.0917



28.0151, 32.1250, 34.1040



31.9860, 32.1250, 41.6106



33.1992, 32.1250, 35.8681

Sweetspot

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



29.1272, 32.1264, 29.0924



56.0857, 59.7916, 61.9384



28.4894, 29.1686, 28.5551



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.



29.1272, 32.1264, 29.0924



51.9885, 57.9330, 50.2884



27.6279, 31.3535, 29.0222



6.9427, 7.6031, 7.0873



14.2443, 21.8799, 3.4725



0.2990, 0.4141, 0.0642

Inverse Universe

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



26.9117, 26.8861, 35.2253



47.1714, 46.5389, 63.6235



28.4565, 27.6825, 35.2976



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 29.1263, 32.1250, 29.0917 looks on a white background.

Color Contrast Check

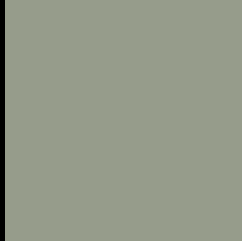
Large Text (above 18pt) WCAG AA × Fail

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 29.1263, 32.1250, 29.0917 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

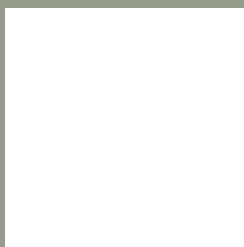
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1263, 32.1250, 29.0917

Background



This preview shows how black text looks on a background with the XYZ color 29.1263, 32.1250, 29.0917.



This preview shows how white text looks on a background with the XYZ color 29.1263, 32.1250,

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

29.1263, 32.1250, 29.0917

Protanopia

30.4038, 32.0622, 28.2531

Deuteranopia

32.6312, 31.9871, 29.6536



Tritanopia

31.2555, 32.0068, 39.6526

Trichromacy



Original Color

29.1263, 32.1250, 29.0917

Protanomaly

29.8533, 32.0141, 28.6507

Deuteranomaly

31.3173, 32.0260, 29.3420

Tritanomaly

30.4445, 31.9213, 35.5672

Monochromacy



Original Color

29.1263, 32.1250, 29.0917

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.4202, 31.4684, 32.1272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1263, 32.1250, 29.0917 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(150, 156, 139)` looks like.

```
.text, #text, p{  
    color:rgb(150, 156, 139)  
}
```

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(150, 156, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 156, 139) }
```

Border

The CSS property to change the border of an element to XYZ 29.1263, 32.1250, 29.0917 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(150, 156, 139) }
```


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

```
.border{ border-color:rgb(150, 156, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 156, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 156, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 156, 139);  
box-shadow:4px 4px 4px 4px rgb(150, 156,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1263, 32.1250, 29.0917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 156, 139) }
```

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

```
.background{ background-color: rgb(150,  
156, 139) }
```

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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