

Converting Colors

XYZ(28.6158, 31.1553, 30.3116)

Have a look what the booklet for
XYZ(28.6158, 31.1553, 30.3116)
contains.

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Color

**XYZ(28.5619, 31.0615,
30.4767)**

Conversions

Conversions Part 1

Format	Color
Hex	94998F
RGB	148, 153, 143
RGB Percent	58%, 60%, 56%
CMY	0.4196, 0.4000, 0.4392
CMYK	0.03, 0.00, 0.07, 0.40
HSL	90°, 5%, 58%
HSV	90°, 7%, 60%
XYZ	28.5619, 31.0615, 30.4767
YIQ	150.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

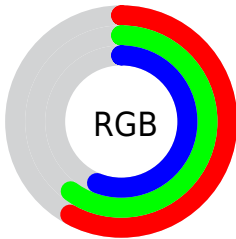
Format	Color
R_{YB}	143, 153, 148
Decimal	9738639
CIE Lab	62.56, -3.72, 4.62
CIE LCh	63, 5.928, 128.805
Yxy	31.0615, 0.3170, 0.3447
Android (android.graphics.Color)	4287928719 (0xFF94998F)
YUV	150.3650, -3.6309, -2.0741
Hunter-Lab	55.7328, -6.0550, 6.5911

Details

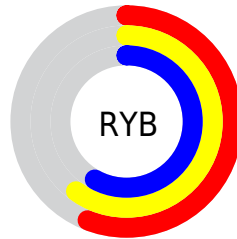
The XYZ color **28.5619, 31.0615, 30.4767** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7861, 28.2415, 34.1252**, and the grayscale version is **29.1601, 30.6787, 33.4091**.

A 20% lighter version of the original color is **56.7480, 61.2134, 61.6478**, and **11.6569, 12.8344, 12.2188** is the 20% darker color. If you saturate the color by 10%, you get **26.1425, 29.9401, 24.7201**, and if you desaturate by 10%, it is **31.2327, 32.2960, 37.0716**.

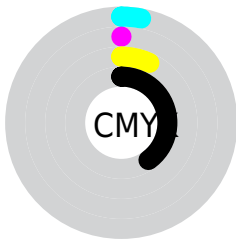
Distribution



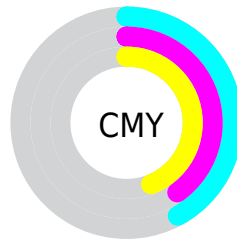
- Red (58%)
- Green (60%)
- Blue (56%)



- Red (56%)
- Yellow (60%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)



- Cyan (42%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5619, 31.0615, 30.4767 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 28.5619, 31.0615, 30.4767 by changing the saturation by 10% instead.

■ 28.5619, 31.0615,
30.4767

■ 28.5619, 31.0615,
30.4767

287.1739,
306.8215, 318.3964

■ 18.8923, 20.6457,
19.9456

■ 56.7827, 61.3369,
61.4851

■ 11.6960, 12.8653,
12.1718

■ 76.0646, 81.9652,
82.7995

■ 6.6078, 7.3358,
6.7368

99.2812, 106.7666,
108.5454

■ 3.2622, 3.6730,
3.2221

126.7980,
136.1253, 139.1414

■ 1.2939, 1.4924,
1.2091

158.9804,
170.4257, 175.0059

■ 0.1786, 0.2834,
0.0000

196.1935,

■ 0.0000, 0.0000,

210.0523, 216.5575

0.0000

238.8029,
255.3895, 264.2149

■ 28.5619, 31.0615,
30.4767

■ 28.5619, 31.0615,
30.4767

■ 26.1425, 29.9401,
24.7201

■ 31.2327, 32.2960,
37.0716

■ 23.9638, 28.9243,
19.7663

■ 34.1599, 33.6430,
44.5345

■ 22.0181, 28.0119,
15.5801

■ 37.3519, 35.1067,
52.8961

■ 20.2961, 27.1989,
12.1229

■ 40.8156, 36.6903,
62.1850

■ 18.7880, 26.4812,
9.3529

■ 44.5578, 38.3966,
72.4284

■ 17.4832, 25.8543,
7.2239

■ 48.5850, 40.2285,
83.6525

■ 16.3696, 25.3132,
5.6841

■ 52.9035, 42.1885,
95.8826

■ 15.4337, 24.8521,
4.6736

■ 55.7984, 43.5909,
100.0807

■ 14.6562, 24.4631,
4.1015

■ 58.0189, 44.7357,
100.1847

Harmonies

Analogous

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



29.2863, 31.0615, 29.6192



28.5619, 31.0615, 30.4767



28.1008, 31.0615, 32.2404

Triad

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



28.5619, 31.0615, 30.4767



28.9660, 31.0615, 38.1325



31.0820, 31.0615, 33.1454

Complementary

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



28.5619, 31.0615, 30.4767



27.7861, 28.2415, 34.1252

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.



30.9925, 31.0615, 35.4518



28.5619, 31.0615, 30.4767



29.7610, 31.0615, 38.4018

Square

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



28.5619, 31.0615, 30.4767



28.3311, 31.0615, 36.6807



30.5055, 31.0615, 37.4008



30.7480, 31.0615, 31.1133

Rectangle

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



28.5619, 31.0615, 30.4767



27.9997, 31.0615, 33.7282



30.5055, 31.0615, 37.4008



31.1006, 31.0615, 33.9134

Sweetspot

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



28.5628, 31.0628, 30.4774



53.2444, 56.5957, 59.7013



28.6858, 29.9364, 30.2535



11.7701, 12.5029, 13.2152



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



28.5628, 31.0628, 30.4774



50.4176, 55.2881, 52.8076



27.6777, 30.6066, 30.4360



6.4116, 7.0696, 6.6325



11.9481, 20.1353, 3.2568



0.2205, 0.3226, 0.0506

Inverse Universe

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



27.7861, 28.2415, 34.1252



48.7005, 49.0503, 60.8728



28.7102, 28.7180, 34.1685



6.1640, 6.1704, 7.7951



7.2883, 3.2083, 25.1428



0.1509, 0.0696, 0.3778

Previews

White Background



This preview shows how the XYZ color 28.5619, 31.0615, 30.4767 looks on a white background.

Color Contrast Check

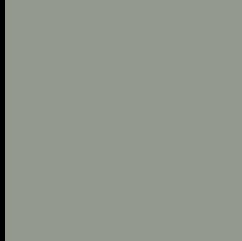
Large Text (above 18pt) WCAG AA × Fail

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 28.5619, 31.0615, 30.4767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

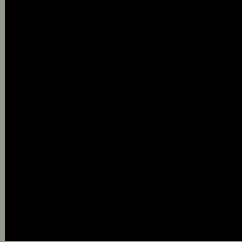
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.5619, 31.0615, 30.4767

Background



This preview shows how black text looks on a background with the XYZ color 28.5619, 31.0615, 30.4767.



This preview shows how white text looks on a background with the XYZ color 28.5619, 31.0615,

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

28.5619, 31.0615, 30.4767

Protanopia

29.6594, 31.1541, 30.0413

Deuteranopia

31.4614, 30.8962, 30.6909



Tritanopia

30.1904, 31.0006, 38.5749

Trichromacy



Original Color

28.5619, 31.0615, 30.4767

Protanomaly

29.2476, 31.1818, 30.0684

Deuteranomaly

30.4794, 31.0856, 30.7792

Tritanomaly

29.5607, 30.9838, 35.4328

Monochromacy



Original Color

28.5619, 31.0615, 30.4767

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.7275, 30.6294, 32.0017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5619, 31.0615, 30.4767 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(148, 153, 143)` looks like.

```
.text, #text, p{  
    color:rgb(148, 153, 143)  
}
```

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(148, 153, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 153, 143) }
```

Border

The CSS property to change the border of an element to XYZ 28.5619, 31.0615, 30.4767 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(148, 153, 143) }
```


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

```
.border{ border-color:rgb(148, 153, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 153, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 153, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 153, 143);  
box-shadow:4px 4px 4px 4px rgb(148, 153,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5619, 31.0615, 30.4767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 153, 143) }
```

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

```
.background{ background-color: rgb(148,  
153, 143) }
```

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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