

Converting Colors

XYZ(27.3447, 28.1044, 29.9485)

Have a look what the booklet for
XYZ(27.3447, 28.1044, 29.9485)
contains.

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Color

**XYZ(27.3581, 28.1121,
29.9709)**

Conversions

Conversions Part 1

Format	Color
Hex	968F8F
RGB	150, 143, 143
RGB Percent	59%, 56%, 56%
CMY	0.4118, 0.4392, 0.4392
CMYK	0.00, 0.05, 0.05, 0.41
HSL	0°, 3%, 57%
HSV	0°, 5%, 59%
XYZ	27.3581, 28.1121, 29.9709
YIQ	145.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

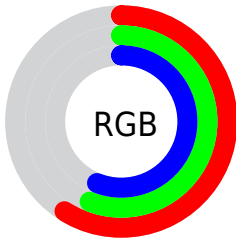
Format	Color
RYB	150, 143, 143
Decimal	9867151
CIELab	59.99, 2.59, 0.92
CIELCh	60, 2.746, 19.515
Yxy	28.1121, 0.3202, 0.3290
Android (android.graphics.Color)	4288057231 (0xFF968F8F)
YUV	145.0930, -1.0318, 4.3034
Hunter-Lab	53.0208, -0.6827, 3.5999

Details

The XYZ color **27.3581, 28.1121, 29.9709** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7392, 29.8541, 33.1551**, and the grayscale version is **26.9550, 28.3587, 30.8826**.

A 20% lighter version of the original color is **54.9461, 56.8011, 60.8911**, and **11.0357, 11.2717, 11.9499** is the 20% darker color. If you saturate the color by 10%, you get **24.1945, 23.4832, 23.6800**, and if you desaturate by 10%, it is **30.9762, 33.4060, 37.1637**.

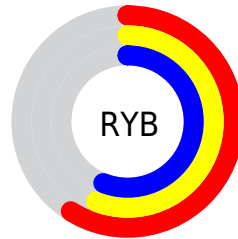
Distribution



Red (59%)

Green (56%)

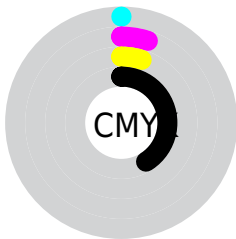
Blue (56%)



Red (59%)

Yellow (56%)

Blue (56%)

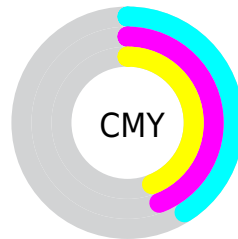


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (41%)



Cyan (41%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3581, 28.1121, 29.9709 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 27.3581, 28.1121, 29.9709 by changing the saturation by 10% instead.

■ 27.3581, 28.1121,
29.9709

■ 27.3581, 28.1121,
29.9709

281.5229,
293.0022, 315.9719

■ 17.9803, 18.4102,
19.5646

■ 54.8738, 56.6634,
60.6766

■ 11.0355, 11.2449,
11.8980

■ 73.7425, 76.2815,
81.8132

■ 6.1582, 6.2318,
6.5526

■ 96.5054, 99.9738,
107.3635

■ 2.9831, 2.9865,
3.1097

123.5281,
128.1247, 137.7463

■ 1.1448, 1.1247,
1.1509

155.1758,
161.1186, 173.3799

■ 0.0621, 0.0000,
0.0000

191.8140,

■ 0.0000, 0.0000,

199.3399, 214.6831

0.0000

233.8079,
243.1730, 262.0742

■ 27.3581, 28.1121,
29.9709

■ 27.3581, 28.1121,
29.9709

■ 24.1945, 23.4832,
23.6800

■ 30.9762, 33.4060,
37.1637

■ 21.4652, 19.4897,
18.2536

■ 35.0632, 39.3860,
45.2901

■ 19.1519, 16.1048,
13.6546

■ 39.6360, 46.0767,
54.3825

■ 17.2343, 13.2987,
9.8423

■ 44.7097, 53.5002,
64.4711

■ 15.6901, 11.0392,
6.7727

■ 50.2989, 61.6780,
75.5849

■ 14.4951, 9.2904,
4.3975

■ 56.4177, 70.6305,
87.7517

■ 13.6221, 8.0127,
2.6624

■ 63.0794, 80.3773,
100.9983

■ 13.0398, 7.1605,
1.5055

■ 66.3879, 85.2241,
107.5586

■ 12.7091, 6.6764,
0.8486

Harmonies

Analogous

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



27.3859, 28.1121, 30.9608



27.3581, 28.1121, 29.9709



27.1584, 28.1121, 29.1688

Triad

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



27.3581, 28.1121, 29.9709



26.2119, 28.1121, 29.3768



26.5976, 28.1121, 32.5409

Complementary

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



27.3581, 28.1121, 29.9709



27.7392, 29.8541, 33.1551

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.



26.2858, 28.1121, 32.0965



27.3581, 28.1121, 29.9709



26.0644, 28.1121, 30.2604

Square

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



27.3581, 28.1121, 29.9709



26.4959, 28.1121, 28.8310



26.0913, 28.1121, 31.2567



26.9448, 28.1121, 32.4593

Rectangle

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



27.3581, 28.1121, 29.9709



26.9556, 28.1121, 28.8417



26.0913, 28.1121, 31.2567



26.4852, 28.1121, 32.4477

Sweetspot

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



27.3589, 28.1133, 29.9715



50.5155, 52.8815, 57.3337



27.9056, 28.3315, 32.8524



11.2039, 11.7324, 12.7237



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.



27.3589, 28.1133, 29.9715



47.4221, 48.3554, 51.1833



27.8922, 29.1800, 30.1493



6.0017, 6.1094, 6.4563



10.4322, 5.3787, 0.4884



0.1277, 0.0659, 0.0060

Inverse Universe

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



27.7392, 29.8541, 33.1551



48.2936, 52.3450, 58.4795



27.1893, 28.7544, 32.9718



6.1179, 6.6413, 7.4292



13.6046, 19.9041, 27.0559



0.1666, 0.2437, 0.3312

Previews

White Background



This preview shows how the XYZ color 27.3581, 28.1121, 29.9709 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 27.3581, 28.1121, 29.9709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

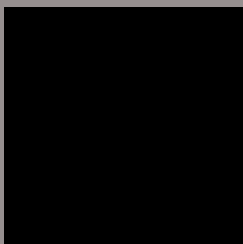
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

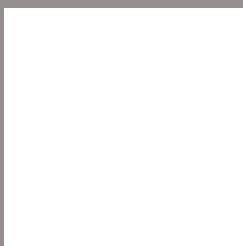
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3581, 28.1121, 29.9709

Background



This preview shows how black text looks on a background with the XYZ color 27.3581, 28.1121, 29.9709.

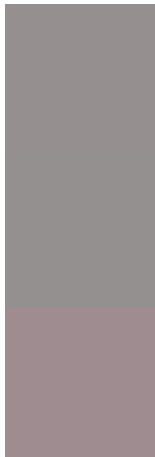


This preview shows how white text looks on a background with the XYZ color 27.3581, 28.1121,

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

27.3581, 28.1121, 29.9709

Protanopia

26.9638, 28.1327, 29.9956

Deuteranopia

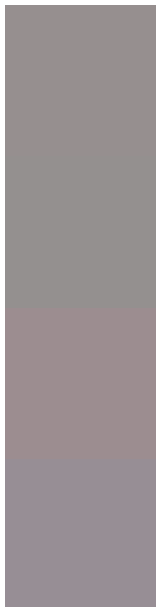
28.7102, 28.1407, 30.3041



Tritanopia

28.1853, 28.2252, 34.0995

Trichromacy



Original Color

27.3581, 28.1121, 29.9709

Protanomaly

27.1439, 28.2256, 30.0040

Deuteranomaly

28.2692, 28.1313, 30.3255

Tritanomaly

27.8603, 28.0952, 32.3883

Monochromacy



Original Color

27.3581, 28.1121, 29.9709

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.0399, 28.1632, 30.3964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3581, 28.1121, 29.9709 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, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(150, 143, 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(150, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 143, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.3581, 28.1121, 29.9709 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, 143, 143) }
```


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

```
.border{ border-color:rgb(150, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(150, 143,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3581, 28.1121, 29.9709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 143, 143) }
```

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

```
.background{ background-color: rgb(150,  
143, 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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