

Converting Colors

XYZ(27.3383, 27.7376, 30.5932)

Have a look what the booklet for
XYZ(27.3383, 27.7376, 30.5932)
contains.

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Color

**XYZ(27.2134, 27.5781,
30.6769)**

Conversions

Conversions Part 1

Format	Color
Hex	968D91
RGB	150, 141, 145
RGB Percent	59%, 55%, 57%
CMY	0.4118, 0.4470, 0.4314
CMYK	0.00, 0.06, 0.03, 0.41
HSL	333°, 4%, 57%
HSV	333°, 6%, 59%
XYZ	27.2134, 27.5781, 30.6769
YIQ	144.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

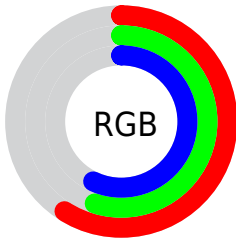
Format	Color
RYB	150, 141, 145
Decimal	9866641
CIELab	59.51, 4.09, -0.93
CIELCh	60, 4.197, 347.180
Yxy	27.5781, 0.3184, 0.3227
Android (android.graphics.Color)	4288056721 (0xFF968D91)
YUV	144.1470, 0.4205, 5.1331
Hunter-Lab	52.5149, 0.5984, 2.1258

Details

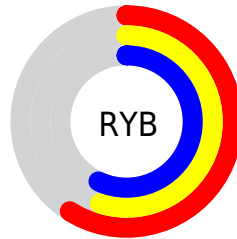
The XYZ color **27.2134, 27.5781, 30.6769** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0802, 29.5515, 31.4723**, and the grayscale version is **26.5663, 27.9498, 30.4374**.

A 20% lighter version of the original color is **54.7257, 55.9911, 61.9558**, and **10.9522, 10.9610, 12.3649** is the 20% darker color. If you saturate the color by 10%, you get **24.5305, 23.2033, 26.7271**, and if you desaturate by 10%, it is **30.2446, 32.5733, 34.9762**.

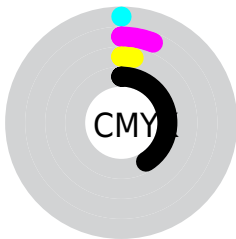
Distribution



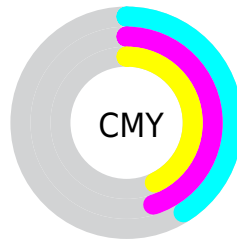
- Red (59%)
- Green (55%)
- Blue (57%)



- Red (59%)
- Yellow (55%)
- Blue (57%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (41%)



- Cyan (41%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2134, 27.5781, 30.6769 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 27.2134, 27.5781, 30.6769 by changing the saturation by 10% instead.

■ 27.2134, 27.5781,
30.6769

■ 27.2134, 27.5781,
30.6769

280.8376,
290.4454, 319.3520

■ 17.8710, 18.0079,
20.0965

■ 54.6436, 55.8102,
61.8046

■ 10.9565, 10.9556,
12.2805

■ 73.4621, 75.2408,
83.1891

■ 6.1047, 6.0370,
6.8101

■ 96.1699, 98.7269,
109.0120

■ 2.9501, 2.8676,
3.2670

123.1326,
126.6531, 139.6918

■ 1.1274, 1.0630,
1.2325

154.7153,
159.4036, 175.6472

■ 0.0479, 0.0000,
0.0055

191.2835,

■ 0.0000, 0.0000,

197.3629, 217.2967

0.0000

233.2025,
240.9154, 265.0588

■ 27.2134, 27.5781,
30.6769

■ 27.2134, 27.5781,
30.6769

■ 24.5305, 23.2033,
26.7271

■ 30.2446, 32.5733,
34.9762

■ 22.1807, 19.4210,
23.1156

■ 33.6340, 38.2084,
39.6322

■ 20.1508, 16.2064,
19.8335

■ 37.3940, 44.5061,
44.6538

■ 18.4262, 13.5317,
16.8705

■ 41.5359, 51.4874,
50.0495

■ 16.9907, 11.3667,
14.2156

■ 46.0701, 59.1721,
55.8271

■ 15.8268, 9.6780,
11.8573

■ 51.0070, 67.5791,
61.9943

■ 14.9149, 8.4285,
9.7831

■ 56.3563, 76.7268,
68.5586

■ 14.2326, 7.5752,
7.9793

■ 60.1820, 82.7418,
74.8788

■ 13.7479, 7.0564,
6.4285

■ 61.2590, 83.1726,
80.5505

Harmonies

Analogous

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



26.9630, 27.5781, 32.0454



27.2134, 27.5781, 30.6769



27.1929, 27.5781, 29.1782

Triad

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



27.2134, 27.5781, 30.6769



25.9138, 27.5781, 27.3379



25.5289, 27.5781, 32.2088

Complementary

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



27.2134, 27.5781, 30.6769



27.0802, 29.5515, 31.4723

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.



25.2552, 27.5781, 30.8938



27.2134, 27.5781, 30.6769



25.4754, 27.5781, 28.0969

Square

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



27.2134, 27.5781, 30.6769



26.4378, 27.5781, 27.2842



25.2358, 27.5781, 29.3880



25.9878, 27.5781, 32.9495

Rectangle

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



27.2134, 27.5781, 30.6769



27.0284, 27.5781, 28.3068



25.2358, 27.5781, 29.3880



25.4125, 27.5781, 31.8173

Sweetspot

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



27.2142, 27.5793, 30.6775



50.0691, 52.0270, 57.0671



26.8761, 27.3595, 32.7190



11.1111, 11.5547, 12.6683



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.



27.2142, 27.5793, 30.6775



47.4561, 47.7363, 53.3130



26.9777, 27.5911, 29.1044



6.0159, 6.0428, 6.7539



11.2788, 5.7166, 4.9492



0.1525, 0.0758, 0.1367

Inverse Universe

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



27.2142, 27.5793, 30.6775



47.4561, 47.7363, 53.3130



27.3251, 29.5348, 33.1152



6.0159, 6.0428, 6.7539



11.2788, 5.7166, 4.9492



0.1525, 0.0758, 0.1367

Previews

White Background



This preview shows how the XYZ color 27.2134, 27.5781, 30.6769 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 27.2134, 27.5781, 30.6769 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

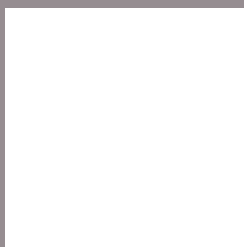
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2134, 27.5781, 30.6769

Background



This preview shows how black text looks on a background with the XYZ color 27.2134, 27.5781, 30.6769.



This preview shows how white text looks on a background with the XYZ color 27.2134, 27.5781,

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

27.2134, 27.5781, 30.6769

Protanopia

26.6878, 27.7400, 31.1419

Deuteranopia

28.0538, 27.5775, 30.6325



Tritanopia

27.7265, 27.5698, 33.1383

Trichromacy



Original Color

27.2134, 27.5781, 30.6769

Protanomaly

26.8939, 27.6244, 31.1087

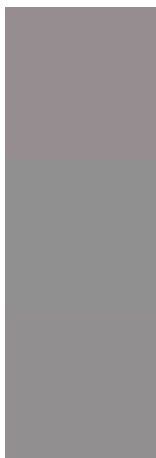
Deuteranomaly

27.8153, 27.6705, 30.6630

Tritanomaly

27.5654, 27.5054, 32.2900

Monochromacy



Original Color

27.2134, 27.5781, 30.6769

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.7106, 27.7695, 30.3378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2134, 27.5781, 30.6769 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, 141, 145)` looks like.

```
.text, #text, p{  
    color:rgb(150, 141, 145)  
}
```

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, 141, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 141, 145) }
```

Border

The CSS property to change the border of an element to XYZ 27.2134, 27.5781, 30.6769 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, 141, 145) }
```


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

```
.border{ border-color:rgb(150, 141, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 141, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 141, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 141, 145);  
box-shadow:4px 4px 4px 4px rgb(150, 141,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2134, 27.5781, 30.6769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 141, 145) }
```

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

```
.background{ background-color: rgb(150,  
141, 145) }
```

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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