

Converting Colors

XYZ(27.4452, 31.1687, 29.4783)

Have a look what the booklet for
XYZ(27.4452, 31.1687, 29.4783)
contains.

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Color

**XYZ(27.4373, 31.2458,
29.3959)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9C8C
RGB	140, 156, 140
RGB Percent	55%, 61%, 55%
CMY	0.4510, 0.3882, 0.4510
CMYK	0.10, 0.00, 0.10, 0.39
HSL	120°, 7%, 58%
HSV	120°, 10%, 61%
XYZ	27.4373, 31.2458, 29.3959
YIQ	149.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

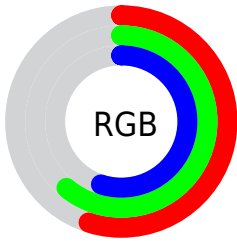
Format	Color
RYB	140, 156, 156
Decimal	9215116
CIELab	62.71, -8.84, 6.45
CIElCh	63, 10.943, 143.868
Yxy	31.2458, 0.3115, 0.3547
Android (android.graphics.Color)	4287405196 (0xFF8C9C8C)
YUV	149.3920, -4.6303, -8.2368
Hunter-Lab	55.8979, -10.2053, 7.9488

Details

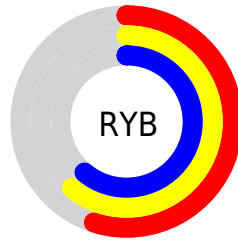
The XYZ color **27.4373, 31.2458, 29.3959** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.0902, 28.2251, 35.3687**, and the grayscale version is **28.7531, 30.2505, 32.9428**.

A 20% lighter version of the original color is **55.0323, 61.4576, 60.0009**, and **11.1135, 13.0150, 11.5993** is the 20% darker color. If you saturate the color by 10%, you get **23.9228, 29.5585, 23.6466**, and if you desaturate by 10%, it is **31.4894, 33.1931, 36.0230**.

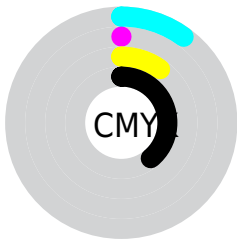
Distribution



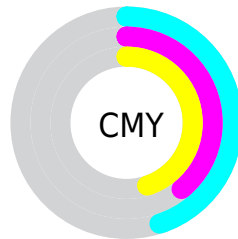
- Red (55%)
- Green (61%)
- Blue (55%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4373, 31.2458, 29.3959 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 27.4373, 31.2458, 29.3959 by changing the saturation by 10% instead.

■ 27.4373, 31.2458,
29.3959

■ 27.4373, 31.2458,
29.3959

281.8974,
307.6691, 313.1976

■ 18.0402, 20.7861,
19.1324

■ 54.9998, 61.6269,
59.7552

■ 11.0787, 12.9677,
11.5882

■ 73.8958, 82.3170,
80.6880

■ 6.1875, 7.4063,
6.3448

■ 96.6889, 107.1860,
106.0143

■ 3.0012, 3.7175,
2.9837

123.7444,
136.6184, 136.1527

■ 1.1544, 1.5168,
1.0863

155.4276,
170.9985, 171.5217

■ 0.0699, 0.3005,
0.0000

192.1040,

■ 0.0000, 0.0000,

210.7108, 212.5398

0.0000

234.1388,
256.1395, 259.6256

■ 27.4373, 31.2458,
29.3959

■ 27.4373, 31.2458,
29.3959

■ 23.9228, 29.5585,
23.6466

■ 31.4894, 33.1931,
36.0230

■ 20.9208, 28.1165,
18.7363

■ 36.0975, 35.4067,
43.5605

■ 18.4082, 26.9096,
14.6265

■ 41.2826, 37.8973,
52.0415

■ 16.3591, 25.9253,
11.2748

■ 47.0635, 40.6742,
61.4972

■ 14.7451, 25.1500,
8.6348

■ 53.4584, 43.7460,
71.9571

■ 13.5349, 24.5687,
6.6552

■ 60.4847, 47.1211,
83.4497

■ 12.6928, 24.1642,
5.2778

■ 68.1590, 50.8074,
96.0022

■ 12.1770, 23.9164,
4.4340

■ 71.1791, 52.2581,
100.9430

■ 11.8891, 23.7781,
3.9631

Harmonies

Analogous

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



28.5506, 31.2458, 27.0369



27.4373, 31.2458, 29.3959



26.9318, 31.2458, 33.1498

Triad

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



27.4373, 31.2458, 29.3959



29.3923, 31.2458, 42.8773



32.4042, 31.2458, 30.7989

Complementary

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



27.4373, 31.2458, 29.3959



29.0902, 28.2251, 35.3687

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.



32.6479, 31.2458, 34.9080



27.4373, 31.2458, 29.3959



30.8762, 31.2458, 42.1157

Square

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



27.4373, 31.2458, 29.3959



28.0359, 31.2458, 41.1103



32.0800, 31.2458, 39.1082



31.4250, 31.2458, 27.7981

Rectangle

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



27.4373, 31.2458, 29.3959



26.9949, 31.2458, 36.0322



32.0800, 31.2458, 39.1082



32.5762, 31.2458, 32.0867

Sweetspot

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



27.4382, 31.2471, 29.3966



55.0292, 59.2469, 61.8890



30.3337, 32.7399, 29.5320



11.9806, 12.9753, 13.4085



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.



27.4382, 31.2471, 29.3966



48.4931, 56.1073, 51.1982



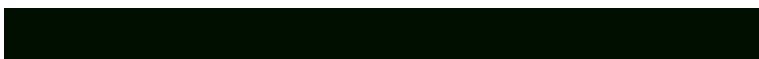
28.0499, 31.4918, 32.6181



6.5508, 7.4011, 7.0690



9.7925, 19.5849, 3.2642



0.1751, 0.3502, 0.0584

Inverse Universe

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



29.0902, 28.2251, 35.3687



52.0254, 49.6460, 63.9671



28.4347, 27.9629, 31.9166



6.9042, 6.7546, 8.3465



16.2357, 7.7988, 26.5559



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 27.4373, 31.2458, 29.3959 looks on a white background.

Color Contrast Check

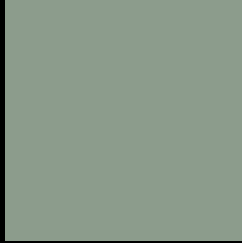
Large Text (above 18pt) WCAG AA × Fail

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 27.4373, 31.2458, 29.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

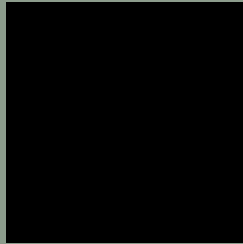
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.4373, 31.2458, 29.3959

Background



This preview shows how black text looks on a background with the XYZ color 27.4373, 31.2458, 29.3959.



This preview shows how white text looks on a background with the XYZ color 27.4373, 31.2458,

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

27.4373, 31.2458, 29.3959

Protanopia

29.4866, 31.1075, 28.1171

Deuteranopia

31.7389, 31.0568, 29.9129



Tritanopia

29.5214, 31.1024, 40.0447

Trichromacy



Original Color

27.4373, 31.2458, 29.3959

Protanomaly

28.7412, 31.1968, 28.5515

Deuteranomaly

30.0121, 31.1067, 29.6217

Tritanomaly

28.7197, 31.0224, 35.9267

Monochromacy



Original Color

27.4373, 31.2458, 29.3959

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.2706, 30.6428, 31.6188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4373, 31.2458, 29.3959 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(140, 156, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 156, 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(140, 156, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 156, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.4373, 31.2458, 29.3959 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(140, 156, 140) }
```


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

```
.border{ border-color:rgb(140, 156, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 156, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 156, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 156, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 156,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4373, 31.2458, 29.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 156, 140) }
```

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

```
.background{ background-color: rgb(140,  
156, 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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