

Converting Colors

XYZ(27.8386, 31.1894, 30.5358)

Have a look what the booklet for
XYZ(27.8386, 31.1894, 30.5358)
contains.

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Color

**XYZ(27.8346, 31.1766,
30.5373)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9B8F
RGB	142, 155, 143
RGB Percent	56%, 61%, 56%
CMY	0.4431, 0.3921, 0.4392
CMYK	0.08, 0.00, 0.08, 0.39
HSL	125°, 6%, 58%
HSV	125°, 8%, 61%
XYZ	27.8346, 31.1766, 30.5373
YIQ	149.7450, -3.8960, -6.4880

Conversions

Conversions Part 2

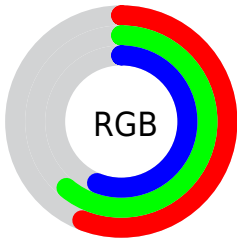
Format	Color
RYB	142, 154, 155
Decimal	9345935
CIELab	62.66, -7.00, 4.70
CIElCh	63, 8.432, 146.120
Yxy	31.1766, 0.3108, 0.3482
Android (android.graphics.Color)	4287536015 (0xFF8E9B8F)
YUV	149.7450, -3.3253, -6.7924
Hunter-Lab	55.8360, -8.7297, 6.6589

Details

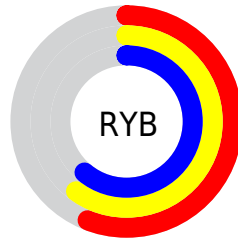
The XYZ color **27.8346, 31.1766, 30.5373** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.0244, 28.6484, 34.5732**, and the grayscale version is **28.8969, 30.4018, 33.1075**.

A 20% lighter version of the original color is **55.6435, 61.3679, 61.7358**, and **11.3397, 12.9663, 12.2610** is the 20% darker color. If you saturate the color by 10%, you get **24.3422, 29.4945, 25.0722**, and if you desaturate by 10%, it is **31.8368, 33.1074, 36.7493**.

Distribution



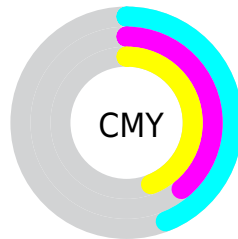
- Red (56%)
- Green (61%)
- Blue (56%)



- Red (56%)
- Yellow (60%)
- Blue (61%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)



- Cyan (44%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8346, 31.1766, 30.5373 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 27.8346, 31.1766, 30.5373 by changing the saturation by 10% instead.

■ 27.8346, 31.1766,
30.5373

■ 27.8346, 31.1766,
30.5373

283.7702,
307.3511, 318.6859

■ 18.3408, 20.7334,
19.9913

■ 55.6308, 61.5180,
61.5819

■ 11.2961, 12.9292,
12.2047

■ 74.6639, 82.1850,
82.9175

■ 6.3351, 7.3798,
6.7590

■ 97.6074, 107.0286,
108.6867

■ 3.0925, 3.7008,
3.2357

124.8269,
136.4333, 139.3081

■ 1.2029, 1.5076,
1.2162

156.6875,
170.7836, 175.2002

■ 0.1086, 0.2941,
0.0000

193.5547,

■ 0.0000, 0.0000,

210.4637, 216.7814

0.0000

235.7938,
255.8580, 264.4705

■ 27.8346, 31.1766,
30.5373

■ 27.8346, 31.1766,
30.5373

■ 24.3422, 29.4945,
25.0722

■ 31.8368, 33.1074,
36.7493

■ 21.3368, 28.0471,
20.3239

■ 36.3656, 35.2922,
43.7327

■ 18.7974, 26.8252,
16.2633

■ 41.4399, 37.7411,
51.5133

■ 16.7006, 25.8175,
12.8585

■ 47.0770, 40.4626,
60.1154

■ 15.0211, 25.0115,
10.0752

■ 53.2937, 43.4648,
69.5619

■ 13.7309, 24.3937,
7.8758

■ 60.1057, 46.7553,
79.8751

■ 12.7984, 23.9488,
6.2187

■ 67.5283, 50.3415,
91.0762

■ 12.1874, 23.6589,
5.0569

■ 71.0119, 51.9238,
100.8873

■ 11.8340, 23.4923,
4.3344

Harmonies

Analogous

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



28.6697, 31.1766, 28.5724



27.8346, 31.1766, 30.5373



27.4809, 31.1766, 33.5194

Triad

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



27.8346, 31.1766, 30.5373



29.4831, 31.1766, 40.6632



31.6621, 31.1766, 31.2341

Complementary

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



27.8346, 31.1766, 30.5373



29.0244, 28.6484, 34.5732

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.



31.8934, 31.1766, 34.3763



27.8346, 31.1766, 30.5373



30.6164, 31.1766, 39.9544

Square

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



27.8346, 31.1766, 30.5373



28.4170, 31.1766, 39.4786



31.5060, 31.1766, 37.5994



30.8820, 31.1766, 28.9561

Rectangle

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



27.8346, 31.1766, 30.5373



27.5588, 31.1766, 35.7345



31.5060, 31.1766, 37.5994



31.8075, 31.1766, 32.2182

Sweetspot

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



27.8355, 31.1779, 30.5380



53.5517, 57.6194, 60.4470



29.9569, 32.2803, 30.2434



11.9954, 12.9812, 13.4867



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.



27.8355, 31.1779, 30.5380



48.6515, 55.2569, 52.8219



28.3318, 31.3765, 33.1515



6.1505, 6.9329, 6.7159



9.4738, 18.8530, 3.4499



0.1461, 0.2836, 0.0752

Inverse Universe

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



29.0244, 28.6484, 34.5732



51.2082, 49.8174, 61.4993



28.5079, 28.4418, 31.8532



6.4407, 6.3154, 7.7009



14.8506, 7.1945, 21.5359



0.2273, 0.1097, 0.3497

Previews

White Background



This preview shows how the XYZ color 27.8346, 31.1766, 30.5373 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 27.8346, 31.1766, 30.5373 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

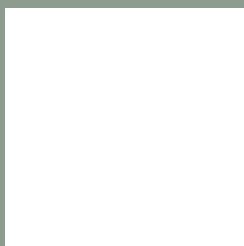
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8346, 31.1766, 30.5373

Background



This preview shows how black text looks on a background with the XYZ color 27.8346, 31.1766, 30.5373.



This preview shows how white text looks on a background with the XYZ color 27.8346, 31.1766,

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

27.8346, 31.1766, 30.5373

Protanopia

29.7790, 31.2244, 29.6567

Deuteranopia

31.5382, 30.9269, 31.0953



Tritanopia

29.6061, 31.1566, 39.5754

Trichromacy



Original Color

27.8346, 31.1766, 30.5373

Protanomaly

29.0596, 31.0849, 30.0596

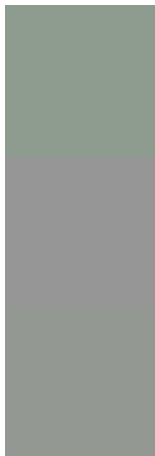
Deuteranomaly

30.0796, 30.8794, 30.7605

Tritanomaly

28.8936, 31.1121, 35.9349

Monochromacy



Original Color

27.8346, 31.1766, 30.5373

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.5273, 30.7661, 32.0387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8346, 31.1766, 30.5373 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(142, 155, 143)` looks like.

```
.text, #text, p{  
    color:rgb(142, 155, 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(142, 155, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 155, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.8346, 31.1766, 30.5373 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(142, 155, 143) }
```


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

```
.border{ border-color:rgb(142, 155, 143) }
```

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

Here you see how a box with a 4 pixel rgb(142, 155, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 155, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 155, 143);  
box-shadow:4px 4px 4px 4px rgb(142, 155,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8346, 31.1766, 30.5373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 155, 143) }
```

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

```
.background{ background-color: rgb(142,  
155, 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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