

Converting Colors

XYZ(27.4173, 30.7237, 30.5443)

Have a look what the booklet for
XYZ(27.4173, 30.7237, 30.5443)
contains.

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Color

**XYZ(27.3287, 30.6698,
30.4661)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9A8F
RGB	140, 154, 143
RGB Percent	55%, 60%, 56%
CMY	0.4510, 0.3961, 0.4392
CMYK	0.09, 0.00, 0.07, 0.40
HSL	133°, 6%, 58%
HSV	133°, 9%, 60%
XYZ	27.3287, 30.6698, 30.4661
YIQ	148.5600, -4.8130, -6.3890

Conversions

Conversions Part 2

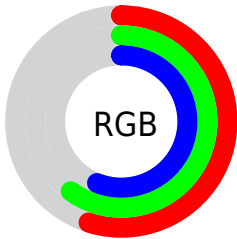
Format	Color
RYB	140, 152, 154
Decimal	9214607
CIELab	62.23, -7.18, 4.06
CIELCh	62, 8.247, 150.483
Yxy	30.6698, 0.3089, 0.3467
Android (android.graphics.Color)	4287404687 (0xFF8C9A8F)
YUV	148.5600, -2.7411, -7.5071
Hunter-Lab	55.3803, -8.8306, 6.1493

Details

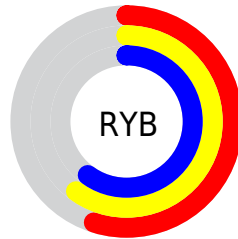
The XYZ color **27.3287, 30.6698, 30.4661** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.2915, 27.8612, 33.1661**, and the grayscale version is **28.3956, 29.8744, 32.5332**.

A 20% lighter version of the original color is **54.8821, 60.6123, 61.6301**, and **11.0425, 12.6645, 12.2184** is the 20% darker color. If you saturate the color by 10%, you get **24.0454, 29.0783, 25.7828**, and if you desaturate by 10%, it is **31.0758, 32.4907, 35.6886**.

Distribution



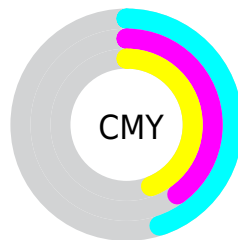
- Red (55%)
- Green (60%)
- Blue (56%)



- Red (55%)
- Yellow (60%)
- Blue (60%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)



- Cyan (45%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3287, 30.6698, 30.4661 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 27.3287, 30.6698, 30.4661 by changing the saturation by 10% instead.

■ 27.3287, 30.6698,
30.4661

■ 27.3287, 30.6698,
30.4661

281.3837,
305.0142, 318.3457

■ 17.9581, 20.3475,
19.9376

■ 54.8270, 60.7198,
61.4682

■ 11.0194, 12.6479,
12.1661

■ 73.6855, 81.2164,
82.7789

■ 6.1473, 7.1866,
6.7330

■ 96.4373, 105.8732,
108.5207

■ 2.9764, 3.5790,
3.2198

123.4478,
135.0746, 139.1122

■ 1.1413, 1.4410,
1.2079

155.0823,
169.2050, 174.9719

■ 0.0592, 0.2466,
0.0000

191.7063,

■ 0.0000, 0.0000,

208.6488, 216.5184

0.0000

233.6849,
253.7904, 264.1701

■ 27.3287, 30.6698,
30.4661

■ 27.3287, 30.6698,
30.4661

■ 24.0454, 29.0783,
25.7828

■ 31.0758, 32.4907,
35.6886

■ 21.2053, 27.7034,
21.6196

■ 35.3013, 34.5455,
41.4646

■ 18.7898, 26.5367,
17.9590

■ 40.0223, 36.8437,
47.8106

■ 16.7783, 25.5680,
14.7821

■ 45.2542, 39.3929,
54.7415

■ 15.1481, 24.7859,
12.0683

■ 51.0118, 42.2003,
62.2718

■ 13.8744, 24.1783,
9.7961

■ 57.3094, 45.2731,
70.4156

■ 12.9294, 23.7312,
7.9420

■ 64.1604, 48.6179,
79.1864

■ 12.2808, 23.4285,
6.4801

■ 68.4954, 50.6521,
88.4528

■ 11.8638, 23.2375,
5.3807

■ 70.3519, 51.3947,
98.2290

Harmonies

Analogous

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



28.0791, 30.6698, 28.3883



27.3287, 30.6698, 30.4661



27.0637, 30.6698, 33.4459

Triad

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



27.3287, 30.6698, 30.4661



29.1688, 30.6698, 39.9020



31.0332, 30.6698, 30.3820

Complementary

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



27.3287, 30.6698, 30.4661



28.2915, 27.8612, 33.1661

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.



31.3424, 30.6698, 33.3426



27.3287, 30.6698, 30.4661



30.2493, 30.6698, 38.9564

Square

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



27.3287, 30.6698, 30.4661



28.1095, 30.6698, 39.0137



31.0520, 30.6698, 36.5041



30.2173, 30.6698, 28.3420

Rectangle

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



27.3287, 30.6698, 30.4661



27.1925, 30.6698, 35.5840



31.0520, 30.6698, 36.5041



31.2007, 30.6698, 31.2961

Sweetspot

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



27.3296, 30.6711, 30.4668



53.6464, 57.6573, 60.9457



29.0901, 31.6046, 29.3783



12.0220, 12.9919, 13.6269



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.



27.3296, 30.6711, 30.4668



48.3051, 55.0641, 53.4512



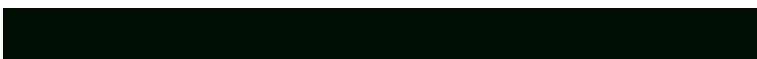
27.8607, 30.8836, 33.2637



6.1836, 6.9462, 6.8905



9.6497, 18.9233, 4.3758



0.1557, 0.2875, 0.1257

Inverse Universe

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



28.2915, 27.8612, 33.1661



50.4308, 48.8543, 59.4162



27.7548, 27.6465, 30.3399



6.4045, 6.3010, 7.5103



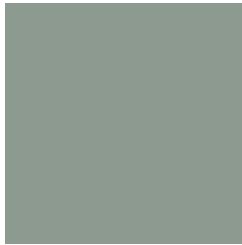
13.6827, 6.7273, 15.3858



0.2172, 0.1056, 0.2966

Previews

White Background



This preview shows how the XYZ color 27.3287, 30.6698, 30.4661 looks on a white background.

Color Contrast Check

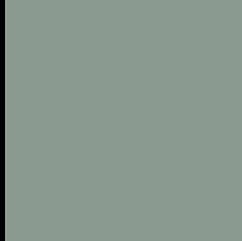
Large Text (above 18pt) WCAG AA × Fail

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 27.3287, 30.6698, 30.4661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

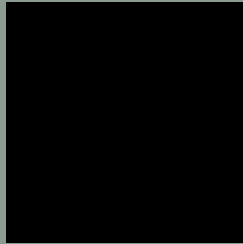
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.3287, 30.6698, 30.4661

Background



This preview shows how black text looks on a background with the XYZ color 27.3287, 30.6698, 30.4661.



This preview shows how white text looks on a background with the XYZ color 27.3287, 30.6698,

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

27.3287, 30.6698, 30.4661

Protanopia

29.2316, 30.7043, 29.5852

Deuteranopia

31.1726, 30.5106, 31.0342



Tritanopia

29.0052, 30.6172, 39.0313

Trichromacy



Original Color

27.3287, 30.6698, 30.4661

Protanomaly

28.5268, 30.5702, 29.9883

Deuteranomaly

29.5286, 30.3615, 30.6896

Tritanomaly

28.3843, 30.6076, 35.8643

Monochromacy



Original Color

27.3287, 30.6698, 30.4661

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.1871, 30.3508, 31.9764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3287, 30.6698, 30.4661 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, 154, 143)` looks like.

```
.text, #text, p{  
    color:rgb(140, 154, 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(140, 154, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 154, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.3287, 30.6698, 30.4661 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, 154, 143) }
```


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

```
.border{ border-color:rgb(140, 154, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 154, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 154, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 154, 143);  
box-shadow:4px 4px 4px 4px rgb(140, 154,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3287, 30.6698, 30.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 154, 143) }
```

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

```
.background{ background-color: rgb(140,  
154, 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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