

Converting Colors

XYZ(27.6219, 30.7295, 34.6125)

Have a look what the booklet for
XYZ(27.6219, 30.7295, 34.6125)
contains.

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Color

**XYZ(27.6219, 30.7295,
34.6125)**

Conversions

Conversions Part 1

Format	Color
Hex	899A99
RGB	137, 154, 153
RGB Percent	54%, 60%, 60%
CMY	0.4627, 0.3961, 0.4000
CMYK	0.11, 0.00, 0.01, 0.40
HSL	176°, 8%, 57%
HSV	176°, 11%, 60%
XYZ	27.6219, 30.7295, 34.6125
YIQ	148.8030, -9.8110, -3.9150

Conversions

Conversions Part 2

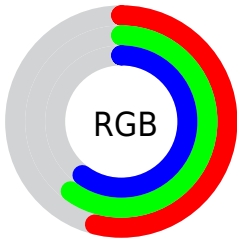
Format	Color
RYB	137, 146, 154
Decimal	9018009
CIELab	62.28, -6.22, -1.53
CIElCh	62, 6.406, 193.848
Yxy	30.7295, 0.2971, 0.3306
Android (android.graphics.Color)	4287208089 (0xFF899A99)
YUV	148.8030, 2.0691, -10.3512
Hunter-Lab	55.4342, -8.0664, 1.7839

Details

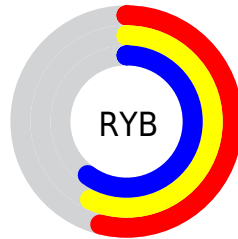
The XYZ color **27.6219, 30.7295, 34.6125** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.8607, 26.5972, 27.7643**, and the grayscale version is **28.4795, 29.9627, 32.6294**.

A 20% lighter version of the original color is **55.0536, 60.5639, 67.8199**, and **11.1790, 12.6860, 14.4298** is the 20% darker color. If you saturate the color by 10%, you get **25.2009, 29.4909, 34.1098**, and if you desaturate by 10%, it is **30.4056, 32.1567, 35.1365**.

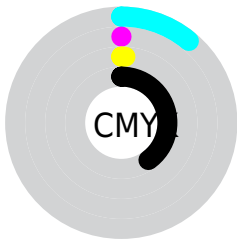
Distribution



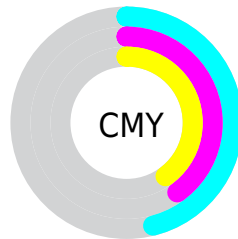
- Red (54%)
- Green (60%)
- Blue (60%)



- Red (54%)
- Yellow (57%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6219, 30.7295, 34.6125 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 27.6219, 30.7295, 34.6125 by changing the saturation by 10% instead.

■ 27.6219, 30.7295,
34.6125

■ 27.6219, 30.7295,
34.6125

282.7687,
305.2902, 337.7068

■ 18.1798, 20.3930,
23.0834

■ 55.2931, 60.8139,
68.0298

■ 11.1796, 12.6810,
14.4492

■ 74.2529, 81.3306,
90.7550

■ 6.2560, 7.2093,
8.2914

■ 97.1161, 106.0095,
118.0494

■ 3.0435, 3.5933,
4.1916

124.2479,
135.2349, 150.3314

■ 1.1768, 1.4488,
1.7310

156.0137,
169.3913, 188.0196

■ 0.0879, 0.2523,
0.3819

192.7789,

■ 0.0000, 0.0000,

208.8631, 231.5325

0.0000

234.9088,
254.0346, 281.2887

■ 27.6219, 30.7295,
34.6125

■ 27.6219, 30.7295,
34.6125

■ 25.2009, 29.4909,
34.1098

■ 30.4056, 32.1567,
35.1365

■ 23.1249, 28.4292,
33.6255

■ 33.5636, 33.7759,
35.6803

■ 21.3782, 27.5373,
33.1596

■ 37.1103, 35.5955,
36.2453

■ 19.9435, 26.8061,
32.7113

■ 41.0586, 37.6220,
36.8322

■ 18.8015, 26.2257,
32.2796

■ 45.4208, 39.8618,
37.4414

■ 17.9308, 25.7852,
31.8636

■ 50.2085, 42.3210,
38.0735

■ 17.3071, 25.4719,
31.4621

■ 55.4330, 45.0052,
38.7291

■ 16.9020, 25.2713,
31.0737

■ 59.1646, 46.9197,
39.3178

■ 16.6611, 25.1543,
30.7339

■ 59.2446, 46.9517,
39.7387

Harmonies

Analogous

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



27.6386, 30.7295, 32.1513



27.6219, 30.7295, 34.6125



28.0241, 30.7295, 36.8693

Triad

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



27.6219, 30.7295, 34.6125



30.3751, 30.7295, 37.0140



29.6727, 30.7295, 29.0885

Complementary

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



27.6219, 30.7295, 34.6125



26.8607, 26.5972, 27.7643

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.



30.4237, 30.7295, 30.2662



27.6219, 30.7295, 34.6125



30.8346, 30.7295, 34.8021

Square

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



27.6219, 30.7295, 34.6125



29.6074, 30.7295, 38.3013



30.8526, 30.7295, 32.3318



28.8111, 30.7295, 29.0434

Rectangle

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



27.6219, 30.7295, 34.6125



28.4804, 30.7295, 37.9204



30.8526, 30.7295, 32.3318



29.9468, 30.7295, 29.3624

Sweetspot

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



27.6228, 30.7308, 34.6132



54.1562, 57.8612, 63.6301



26.5752, 30.3333, 28.1217



12.1661, 13.0495, 14.3855



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.



27.6228, 30.7308, 34.6132



49.1440, 55.2934, 62.6684



26.5270, 28.4061, 34.6582



6.3688, 7.0203, 7.8658



13.5782, 20.4947, 25.0629



0.2071, 0.3080, 0.3963

Inverse Universe

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



26.8607, 26.5972, 27.7643



47.5059, 46.4084, 47.9474



27.8718, 28.7350, 27.7448



6.2228, 6.2283, 6.5536



10.9027, 5.6153, 0.7467



0.1664, 0.0853, 0.0293

Previews

White Background



This preview shows how the XYZ color 27.6219, 30.7295, 34.6125 looks on a white background.

Color Contrast Check

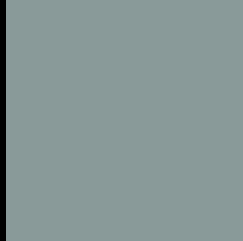
Large Text (above 18pt) WCAG AA × Fail

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 27.6219, 30.7295, 34.6125 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

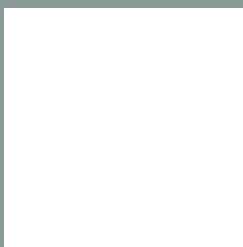
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6219, 30.7295, 34.6125

Background



This preview shows how black text looks on a background with the XYZ color 27.6219, 30.7295, 34.6125.



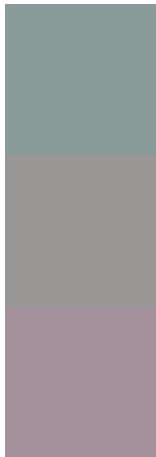
This preview shows how white text looks on a background with the XYZ color 27.6219, 30.7295,

34.6125.

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

27.6219, 30.7295, 34.6125

Protanopia

29.5482, 30.7870, 33.2393

Deuteranopia

31.2995, 30.7109, 35.2885



Tritanopia

28.5765, 30.6258, 39.5272

Trichromacy



Original Color

27.6219, 30.7295, 34.6125

Protanomaly

28.6851, 30.5706, 33.6670

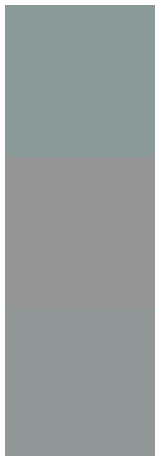
Deuteranomaly

29.9066, 30.6980, 34.9209

Tritanomaly

28.2176, 30.7238, 37.7008

Monochromacy



Original Color

27.6219, 30.7295, 34.6125

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.2487, 30.3550, 33.2244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6219, 30.7295, 34.6125 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(137, 154, 153)` looks like.

```
.text, #text, p{  
    color:rgb(137, 154, 153)  
}
```

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(137, 154, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 154, 153) }
```

Border

The CSS property to change the border of an element to XYZ 27.6219, 30.7295, 34.6125 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(137, 154, 153) }
```


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

```
.border{ border-color:rgb(137, 154, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 154, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 154, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 154, 153);  
box-shadow:4px 4px 4px 4px rgb(137, 154,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6219, 30.7295, 34.6125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 154, 153) }
```

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

```
.background{ background-color: rgb(137,  
154, 153) }
```

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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