

Converting Colors

XYZ(27.3803, 30.6369, 32.3784)

Have a look what the booklet for
XYZ(27.3803, 30.6369, 32.3784)
contains.

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Color

**XYZ(27.3821, 30.6526,
32.4903)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9A94
RGB	138, 154, 148
RGB Percent	54%, 60%, 58%
CMY	0.4588, 0.3961, 0.4196
CMYK	0.10, 0.00, 0.04, 0.40
HSL	157°, 7%, 57%
HSV	157°, 10%, 60%
XYZ	27.3821, 30.6526, 32.4903
YIQ	148.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

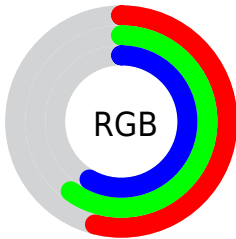
Format	Color
RYB	138, 148, 154
Decimal	9083540
CIELab	62.21, -6.90, 1.20
CIELCh	62, 7.003, 170.110
Yxy	30.6526, 0.3025, 0.3386
Android (android.graphics.Color)	4287273620 (0xFF8A9A94)
YUV	148.5320, -0.2623, -9.2366
Hunter-Lab	55.3648, -8.6066, 3.9616

Details

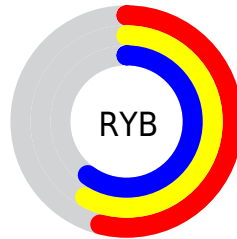
The XYZ color **27.3821, 30.6526, 32.4903** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4500, 27.0613, 30.1635**, and the grayscale version is **28.3747, 29.8524, 32.5092**.

A 20% lighter version of the original color is **54.7024, 60.4524, 64.6625**, and **11.0324, 12.6383, 13.1672** is the 20% darker color. If you saturate the color by 10%, you get **24.5669, 29.2537, 30.0314**, and if you desaturate by 10%, it is **30.5832, 32.2495, 35.0877**.

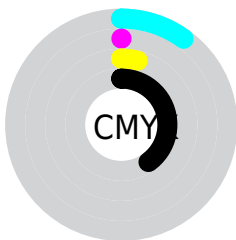
Distribution



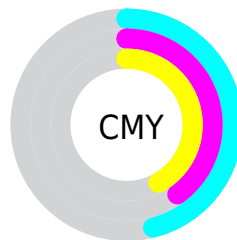
- Red (54%)
- Green (60%)
- Blue (58%)



- Red (54%)
- Yellow (58%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3821, 30.6526, 32.4903 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 27.3821, 30.6526, 32.4903 by changing the saturation by 10% instead.

■ 27.3821, 30.6526,
32.4903

■ 27.3821, 30.6526,
32.4903

281.6364,
304.9346, 327.9080

■ 17.9985, 20.3345,
21.4684

■ 54.9120, 60.6927,
64.6858

■ 11.0486, 12.6384,
13.2722

■ 73.7889, 81.1835,
86.6963

■ 6.1670, 7.1800,
7.4833

■ 96.5611, 105.8339,
113.2069

■ 2.9885, 3.5749,
3.6832

123.5937,
135.0283, 144.6359

■ 1.1477, 1.4388,
1.4532

155.2522,
169.1513, 181.4020

■ 0.0645, 0.2450,
0.1827

191.9019,

■ 0.0000, 0.0000,

208.5870, 223.9237

0.0000

233.9082,
253.7200, 272.6195

■ 27.3821, 30.6526,
32.4903

■ 27.3821, 30.6526,
32.4903

■ 24.5669, 29.2537,
30.0314

■ 30.5832, 32.2495,
35.0877

■ 22.1195, 28.0409,
27.7064

■ 34.1821, 34.0480,
37.8240

■ 20.0243, 27.0072,
25.5136

■ 38.1935, 36.0564,
40.7020

■ 18.2635, 26.1433,
23.4503

■ 42.6305, 38.2814,
43.7240

■ 16.8175, 25.4392,
21.5138

■ 47.5056, 40.7296,
46.8922

■ 15.6648, 24.8839,
19.7012

■ 52.8308, 43.4069,
50.2087

■ 14.7811, 24.4649,
18.0094

■ 58.6177, 46.3194,
53.6755

■ 14.1377, 24.1674,
16.4350

■ 62.5578, 48.2770,
57.1862

■ 13.6785, 23.9613,
15.0278

■ 63.2204, 48.5421,
60.6752

Harmonies

Analogous

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



27.7634, 30.6526, 30.1506



27.3821, 30.6526, 32.4903



27.4625, 30.6526, 35.1954

Triad

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



27.3821, 30.6526, 32.4903



29.7631, 30.6526, 38.5002



30.3143, 30.6526, 29.5427

Complementary

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



27.3821, 30.6526, 32.4903



27.4500, 27.0613, 30.1635

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.



30.8728, 30.6526, 31.6194



27.3821, 30.6526, 32.4903



30.5498, 30.6526, 36.8225

Square

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



27.3821, 30.6526, 32.4903



28.8236, 30.6526, 38.7645



30.9599, 30.6526, 34.2766



29.4473, 30.6526, 28.5106

Rectangle

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



27.3821, 30.6526, 32.4903



27.7677, 30.6526, 36.8388



30.9599, 30.6526, 34.2766



30.5452, 30.6526, 30.1363

Sweetspot

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



27.3830, 30.6539, 32.4910



53.9327, 57.7718, 62.4529



27.6690, 30.8889, 28.5490



12.1028, 13.0242, 14.0521



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.



27.3830, 30.6539, 32.4910



48.7430, 55.1857, 58.1745



27.5648, 30.2374, 34.9570



6.2863, 6.9872, 7.4308



11.1613, 19.5280, 12.3362



0.1844, 0.2990, 0.2768

Inverse Universe

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



27.4500, 27.0613, 30.1635



48.8848, 47.5932, 53.2560



27.2734, 27.4230, 27.9008



6.2998, 6.2591, 6.9591



11.4910, 5.8506, 3.8446



0.1885, 0.0942, 0.1456

Previews

White Background



This preview shows how the XYZ color 27.3821, 30.6526, 32.4903 looks on a white background.

Color Contrast Check

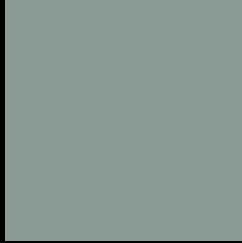
Large Text (above 18pt) WCAG AA × Fail

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 27.3821, 30.6526, 32.4903 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

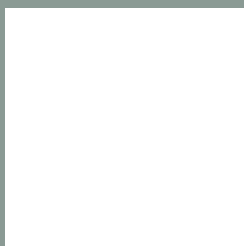
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3821, 30.6526, 32.4903

Background



This preview shows how black text looks on a background with the XYZ color 27.3821, 30.6526, 32.4903.



This preview shows how white text looks on a background with the XYZ color 27.3821, 30.6526,

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

27.3821, 30.6526, 32.4903

Protanopia

29.1847, 30.4093, 31.1194

Deuteranopia

31.1475, 30.4521, 33.0904



Tritanopia

28.9136, 30.7995, 39.5430

Trichromacy



Original Color

27.3821, 30.6526, 32.4903

Protanomaly

28.4677, 30.5044, 31.5817

Deuteranomaly

29.5323, 30.3183, 32.7293

Tritanomaly

28.3780, 30.8265, 36.8022

Monochromacy



Original Color

27.3821, 30.6526, 32.4903

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.1685, 30.3229, 32.8020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3821, 30.6526, 32.4903 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(138, 154, 148)` looks like.

```
.text, #text, p{  
    color:rgb(138, 154, 148)  
}
```

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(138, 154, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 154, 148) }
```

Border

The CSS property to change the border of an element to XYZ 27.3821, 30.6526, 32.4903 is called "border". The border property can be set on classes, ids or directly on the HTML element.

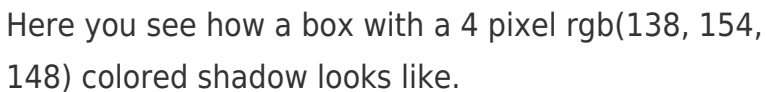
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 154, 148) }
```


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

```
.border{ border-color:rgb(138, 154, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 154, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 154, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 154, 148);  
box-shadow:4px 4px 4px 4px rgb(138, 154,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3821, 30.6526, 32.4903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 154, 148) }
```

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

```
.background{ background-color: rgb(138,  
154, 148) }
```

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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