

Converting Colors

XYZ(30.3318, 24.4545, 41.8686)

Have a look what the booklet for
XYZ(30.3318, 24.4545, 41.8686)
contains.

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Color

**XYZ(30.1913, 24.3322,
41.6334)**

Conversions

Conversions Part 1

Format	Color
Hex	A976AB
RGB	169, 118, 171
RGB Percent	66%, 46%, 67%
CMY	0.3373, 0.5372, 0.3294
CMYK	0.01, 0.31, 0.00, 0.33
HSL	298°, 24%, 57%
HSV	298°, 31%, 67%
XYZ	30.1913, 24.3322, 41.6334
YIQ	139.2910, 13.3830, 27.2950

Conversions

Conversions Part 2

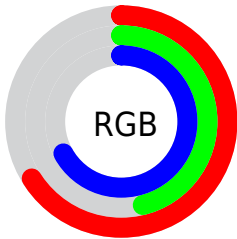
Format	Color
RYB	169, 118, 171
Decimal	11105963
CIELab	56.42, 29.00, -20.30
CIELCh	56, 35.404, 325.007
Yxy	24.3322, 0.3140, 0.2530
Android (android.graphics.Color)	4289296043 (0xFFA976AB)
YUV	139.2910, 15.6325, 26.0548
Hunter-Lab	49.3277, 22.9285, -15.5124

Details

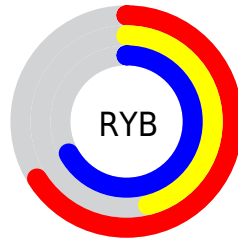
The XYZ color **30.1913, 24.3322, 41.6334** is a light color, and the websafe version is hex **996699**. A complement of this color would be **25.5796, 34.4275, 22.4378**, and the grayscale version is **24.5914, 25.8721, 28.1747**.

A 20% lighter version of the original color is **59.3417, 50.6244, 78.5953**, and **12.6604, 9.3012, 18.5808** is the 20% darker color. If you saturate the color by 10%, you get **28.2194, 20.5930, 41.0159**, and if you desaturate by 10%, it is **32.5305, 28.8040, 42.3736**.

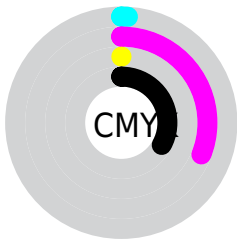
Distribution



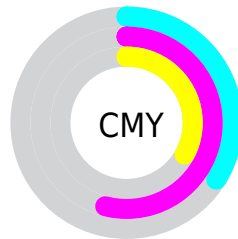
- Red (66%)
- Green (46%)
- Blue (67%)



- Red (66%)
- Yellow (46%)
- Blue (67%)



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (33%)





- Cyan (34%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1913, 24.3322, 41.6334 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 30.1913, 24.3322, 41.6334 by changing the saturation by 10% instead.

 30.1913, 24.3322,
41.6334

 30.1913, 24.3322,
41.6334

294.6890,
274.4957, 368.7157

 20.1326, 15.5802,
28.4909


 59.3491, 50.5718,
78.9086

 12.6003, 9.2276,
18.4538


 79.1790, 68.8281,
103.8784

 7.2290, 4.8899,
11.1035


 102.9966, 91.0215,
133.6276

 3.6533, 2.1828,
6.0214

131.1674,
117.5361, 168.5750

 1.5079, 0.7106,
2.7891

164.0567,
148.7564, 209.1389

 0.3312, 0.0000,
0.9880

202.0298,

 0.0000, 0.0000,

185.0669, 255.7380

0.0000

245.4521,
226.8518, 308.7908

■ 30.1913, 24.3322,
41.6334

■ 30.1913, 24.3322,
41.6334

■ 28.2194, 20.5930,
41.0159

■ 32.5305, 28.8040,
42.3736

■ 26.5928, 17.5437,
40.5131

■ 35.2528, 34.0417,
43.2411

■ 25.2905, 15.1421,
40.1182

■ 38.3762, 40.0804,
44.2421

■ 24.2886, 13.3402,
39.8232

■ 41.9166, 46.9522,
45.3819

■ 23.5597, 12.0834,
39.6190

■ 45.8892, 54.6872,
46.6655

■ 23.0714, 11.3067,
39.4948

■ 50.3083, 63.3143,
48.0978

■ 22.7740, 10.8913,
39.4303

■ 55.1876, 72.8609,
49.6833

■ 60.5403, 83.3531,
51.4264

■ 60.7469, 83.5521,
51.4539

Harmonies

Analogous

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



26.6157, 24.3322, 52.6158



30.1913, 24.3322, 41.6334



31.8856, 24.3322, 28.5037

Triad

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



30.1913, 24.3322, 41.6334



23.8186, 24.3322, 9.7870



16.7034, 24.3322, 37.2085

Complementary

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



30.1913, 24.3322, 41.6334



25.5796, 34.4275, 22.4378

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.



16.1400, 24.3322, 24.5803



30.1913, 24.3322, 41.6334



19.9574, 24.3322, 10.8683

Square

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



30.1913, 24.3322, 41.6334



27.9397, 24.3322, 11.9875



17.2608, 24.3322, 15.5570



18.9014, 24.3322, 49.5774

Rectangle

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



30.1913, 24.3322, 41.6334



31.5910, 24.3322, 21.0758



17.2608, 24.3322, 15.5570



16.3285, 24.3322, 32.7685

Sweetspot

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



30.1921, 24.3333, 41.6339



64.1061, 62.8396, 77.7524



21.6179, 20.3829, 41.3233



14.1277, 13.6888, 17.2853



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.1921, 24.3333, 41.6339



51.6477, 38.9753, 73.8027



28.5521, 23.7272, 30.7414



8.3068, 8.1324, 10.0846



17.1785, 8.2157, 29.7249



0.4869, 0.2332, 0.8273

Inverse Universe

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



26.6640, 22.9720, 20.7992



44.3697, 36.1726, 30.5756



26.9062, 34.9265, 30.8566



8.0170, 8.0201, 8.4005



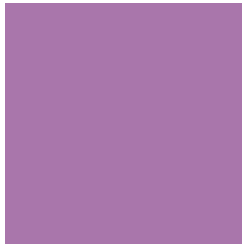
12.6918, 6.5392, 0.7563



0.3569, 0.1835, 0.0415

Previews

White Background



This preview shows how the XYZ color 30.1913, 24.3322, 41.6334 looks on a white background.

Color Contrast Check

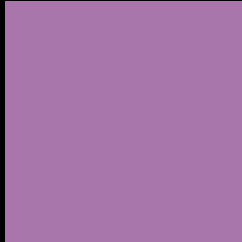
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1913, 24.3322, 41.6334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

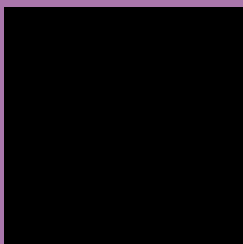
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1913, 24.3322, 41.6334

Background



This preview shows how black text looks on a background with the XYZ color 30.1913, 24.3322, 41.6334.



This preview shows how white text looks on a background with the XYZ color 30.1913, 24.3322,

41.6334.

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

30.1913, 24.3322, 41.6334

Protanopia

25.0984, 24.6067, 48.2265

Deuteranopia

24.9711, 24.5077, 40.4601



Tritanopia

27.0166, 24.3090, 26.1898

Trichromacy



Original Color

30.1913, 24.3322, 41.6334

Protanomaly

26.5033, 24.1820, 45.9185

Deuteranomaly

26.5577, 24.3227, 40.8311

Tritanomaly

28.0307, 24.1642, 31.2037

Monochromacy



Original Color

30.1913, 24.3322, 41.6334

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.2799, 24.9510, 32.7091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1913, 24.3322, 41.6334 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(169, 118, 171)` looks like.

```
.text, #text, p{  
    color:rgb(169, 118, 171)  
}
```

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(169, 118, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 118, 171) }
```

Border

The CSS property to change the border of an element to XYZ 30.1913, 24.3322, 41.6334 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(169, 118, 171) }
```


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

```
.border{ border-color:rgb(169, 118, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 118, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 118, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 118, 171);  
box-shadow:4px 4px 4px 4px rgb(169, 118,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1913, 24.3322, 41.6334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 118, 171) }
```

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

```
.background{ background-color: rgb(169,  
118, 171) }
```

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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