

Converting Colors

XYZ(30.3890, 26.4577, 42.6375)

Have a look what the booklet for
XYZ(30.3890, 26.4577, 42.6375)
contains.

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Color

**XYZ(30.4009, 26.4656,
42.5358)**

Conversions

Conversions Part 1

Format	Color
Hex	A381AC
RGB	163, 129, 172
RGB Percent	64%, 51%, 67%
CMY	0.3608, 0.4941, 0.3255
CMYK	0.05, 0.25, 0.00, 0.33
HSL	287°, 21%, 59%
HSV	287°, 25%, 67%
XYZ	30.4009, 26.4656, 42.5358
YIQ	144.0680, 6.4610, 20.5810

Conversions

Conversions Part 2

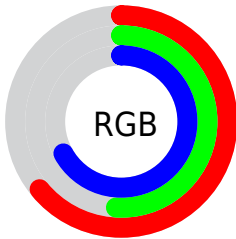
Format	Color
RYB	163, 129, 172
Decimal	10715564
CIELab	58.48, 20.92, -17.80
CIELCh	58, 27.469, 319.616
Yxy	26.4656, 0.3058, 0.2662
Android (android.graphics.Color)	4288905644 (0xFFA381AC)
YUV	144.0680, 13.7705, 16.6034
Hunter-Lab	51.4447, 15.4550, -13.0112

Details

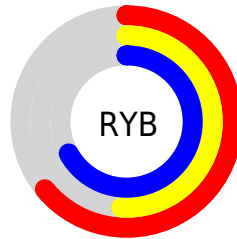
The XYZ color **30.4009, 26.4656, 42.5358** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.1971, 36.4940, 26.2754**, and the grayscale version is **26.4818, 27.8609, 30.3405**.

A 20% lighter version of the original color is **59.5065, 53.9074, 79.9419**, and **12.7417, 10.3275, 19.0912** is the 20% darker color. If you saturate the color by 10%, you get **27.5968, 21.9356, 41.8096**, and if you desaturate by 10%, it is **33.6090, 31.7714, 43.3912**.

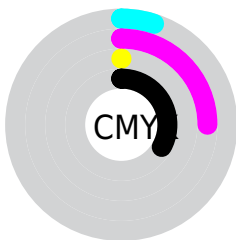
Distribution



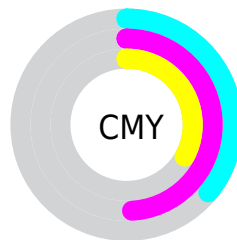
- Red (64%)
- Green (51%)
- Blue (67%)



- Red (64%)
- Yellow (51%)
- Blue (67%)



- Cyan (5%)
- Magenta (25%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4009, 26.4656, 42.5358 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 30.4009, 26.4656, 42.5358 by changing the saturation by 10% instead.

■ 30.4009, 26.4656,
42.5358

■ 30.4009, 26.4656,
42.5358

295.6451,
285.0603, 372.5642

■ 20.2927, 17.1723,
29.1924

■ 59.6779, 54.0251,
80.2887

■ 12.7175, 10.3574,
18.9796

■ 79.5774, 73.0601,
105.5353

■ 7.3099, 5.6366,
11.4788

■ 103.4713, 96.1111,
135.5866

■ 3.7047, 2.6254,
6.2717

131.7250,
123.5626, 170.8613

■ 1.5365, 0.9394,
2.9395

164.7039,
155.7988, 211.7779

■ 0.3505, 0.0000,
1.0638

202.7733,

■ 0.0000, 0.0000,

193.2042, 258.7549

0.0000

246.2986,
236.1632, 312.2108

■ 30.4009, 26.4656,
42.5358

■ 30.4009, 26.4656,
42.5358

■ 27.5968, 21.9356,
41.8096

■ 33.6090, 31.7714,
43.3912

■ 25.1749, 18.1398,
41.2046

■ 37.2366, 37.8851,
44.3801

■ 23.1152, 15.0378,
40.7144

■ 41.3013, 44.8414,
45.5086

■ 21.3947, 12.5837,
40.3314

■ 45.8189, 52.6715,
46.7818

■ 19.9877, 10.7264,
40.0471

■ 50.8044, 61.4055,
48.2049

■ 18.8643, 9.4066,
39.8515

■ 56.2722, 71.0716,
49.7825

■ 17.9881, 8.5516,
39.7327

■ 62.2360, 81.6971,
51.5191

■ 17.5998, 8.2128,
39.6878

■ 64.8946, 85.6792,
52.1476

■ 65.8161, 86.1543,
52.1907

Harmonies

Analogous

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



27.3854, 26.4656, 49.9823



30.4009, 26.4656, 42.5358



32.0558, 26.4656, 32.2801

Triad

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



30.4009, 26.4656, 42.5358



26.3367, 26.4656, 14.1854



19.5493, 26.4656, 35.4814

Complementary

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



30.4009, 26.4656, 42.5358



29.1971, 36.4940, 26.2754

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.



19.3229, 26.4656, 25.6101



30.4009, 26.4656, 42.5358



23.0487, 26.4656, 14.6711

Square

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



30.4009, 26.4656, 42.5358



29.5747, 26.4656, 16.9007



20.5498, 26.4656, 18.4186



21.1987, 26.4656, 45.3230

Rectangle

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



30.4009, 26.4656, 42.5358



32.0735, 26.4656, 25.8365



20.5498, 26.4656, 18.4186



19.3102, 26.4656, 32.0173

Sweetspot

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



30.4017, 26.4667, 42.5364



66.0868, 66.2433, 80.1088



25.6347, 25.9148, 42.6811



14.2788, 14.2551, 17.3866



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.



30.4017, 26.4667, 42.5364



52.2460, 43.2917, 76.4082



31.1934, 27.0039, 36.7426



8.1705, 8.0622, 10.0782



13.1436, 6.1356, 29.5361



0.4064, 0.1917, 0.8236

Inverse Universe

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



29.4519, 26.3073, 27.5715



50.3021, 42.9991, 44.2618



28.6281, 36.1014, 30.7314



8.0713, 8.0418, 8.6862



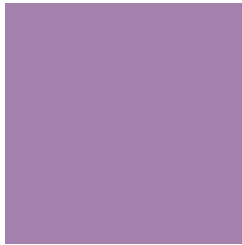
12.9145, 6.6283, 1.9292



0.3785, 0.1921, 0.1551

Previews

White Background



This preview shows how the XYZ color 30.4009, 26.4656, 42.5358 looks on a white background.

Color Contrast Check

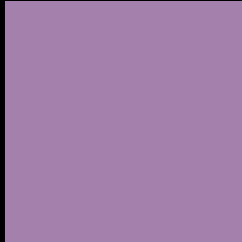
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4009, 26.4656, 42.5358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

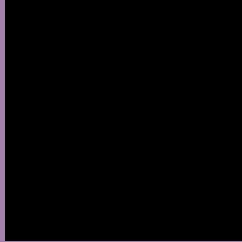
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4009, 26.4656, 42.5358

Background



This preview shows how black text looks on a background with the XYZ color 30.4009, 26.4656, 42.5358.



This preview shows how white text looks on a background with the XYZ color 30.4009, 26.4656,

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

30.4009, 26.4656, 42.5358

Protanopia

26.7294, 26.5452, 46.3628

Deuteranopia

27.1594, 26.6547, 41.7436



Tritanopia

27.9340, 26.4655, 30.4241

Trichromacy



Original Color

30.4009, 26.4656, 42.5358

Protanomaly

27.8281, 26.3022, 44.6844

Deuteranomaly

28.2274, 26.5641, 42.1677

Tritanomaly

28.6649, 26.3427, 34.5842

Monochromacy



Original Color

30.4009, 26.4656, 42.5358

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.8279, 27.3776, 34.3896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4009, 26.4656, 42.5358 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(163, 129, 172)` looks like.

```
.text, #text, p{  
    color:rgb(163, 129, 172)  
}
```

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(163, 129, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 129, 172) }
```

Border

The CSS property to change the border of an element to XYZ 30.4009, 26.4656, 42.5358 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(163, 129, 172) }
```


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

```
.border{ border-color:rgb(163, 129, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 129, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 129, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 129, 172);  
box-shadow:4px 4px 4px 4px rgb(163, 129,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4009, 26.4656, 42.5358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 129, 172) }
```

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

```
.background{ background-color: rgb(163,  
129, 172) }
```

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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