

Converting Colors

XYZ(30.7614, 27.7802, 40.7909)

Have a look what the booklet for
XYZ(30.7614, 27.7802, 40.7909)
contains.

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Color

**XYZ(30.6972, 27.6639,
40.7675)**

Conversions

Conversions Part 1

Format	Color
Hex	A386A8
RGB	163, 134, 168
RGB Percent	64%, 53%, 66%
CMY	0.3608, 0.4745, 0.3412
CMYK	0.03, 0.20, 0.00, 0.34
HSL	291°, 16%, 59%
HSV	291°, 20%, 66%
XYZ	30.6972, 27.6639, 40.7675
YIQ	146.5470, 6.3700, 16.7220

Conversions

Conversions Part 2

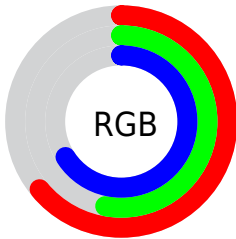
Format	Color
R_{YB}	163, 134, 168
Decimal	10716840
CIE _{Lab}	59.58, 17.26, -13.83
CIE _{LCh}	60, 22.117, 321.285
Yxy	27.6639, 0.3097, 0.2791
Android (android.graphics.Color)	4288906920 (0xFFA386A8)
YUV	146.5470, 10.5763, 14.4293
Hunter-Lab	52.5965, 12.1352, -9.1381

Details

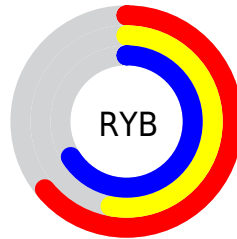
The XYZ color **30.6972, 27.6639, 40.7675** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **28.9542, 35.2162, 27.8270**, and the grayscale version is **27.5030, 28.9353, 31.5105**.

A 20% lighter version of the original color is **60.0030, 55.7738, 77.4150**, and **12.8783, 10.9811, 17.9638** is the 20% darker color. If you saturate the color by 10%, you get **28.0565, 23.1257, 40.0311**, and if you desaturate by 10%, it is **33.7184, 32.9474, 41.6285**.

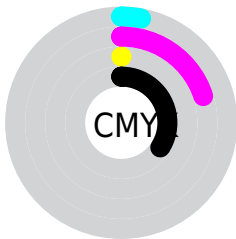
Distribution



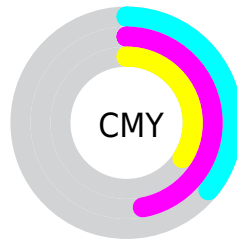
- Red (64%)
- Green (53%)
- Blue (66%)



- Red (64%)
- Yellow (53%)
- Blue (66%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (34%)



- Cyan (36%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6972, 27.6639, 40.7675 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 30.6972, 27.6639, 40.7675 by changing the saturation by 10% instead.

■ 30.6972, 27.6639,
40.7675

■ 30.6972, 27.6639,
40.7675

296.9927,
290.8574, 364.9958

■ 20.5191, 18.0725,
27.8191

■ 60.1421, 55.9474,
77.5807

■ 12.8834, 11.0020,
17.9515

■ 80.1396, 75.4082,
102.2825

■ 7.4247, 6.0682,
10.7461

■ 104.1410, 98.9277,
131.7393

■ 3.7778, 2.8866,
5.7844

132.5115,
126.8901, 166.3695

■ 1.5772, 1.0728,
2.6477

165.6166,
159.6798, 206.5917

■ 0.3775, 0.0000,
0.9169

203.8216,

■ 0.0000, 0.0000,

197.6814, 252.8245

0.0000

247.4919,
241.2791, 305.4863

■ 30.6972, 27.6639,
40.7675

■ 30.6972, 27.6639,
40.7675

■ 28.0565, 23.1257,
40.0311

■ 33.7184, 32.9474,
41.6285

■ 25.7762, 19.2943,
39.4118

■ 37.1338, 39.0050,
42.6177

■ 23.8384, 16.1334,
38.9038

■ 40.9596, 45.8685,
43.7409

■ 22.2226, 13.6020,
38.5003

■ 45.2102, 53.5668,
45.0028

■ 20.9058, 11.6543,
38.1938

■ 49.8994, 62.1273,
46.4080

■ 19.8622, 10.2386,
37.9756

■ 55.0404, 71.5762,
47.9608

■ 19.0611, 9.2939,
37.8354

■ 60.6457, 81.9387,
49.6656

■ 18.4465, 8.6930,
37.7518

■ 62.3010, 84.3859,
50.0507

■ 62.8929, 84.6911,
50.0784

Harmonies

Analogous

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



28.2859, 27.6639, 46.7903



30.6972, 27.6639, 40.7675



31.9499, 27.6639, 32.5054

Triad

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



30.6972, 27.6639, 40.7675



27.1135, 27.6639, 17.3630



21.6130, 27.6639, 36.0384

Complementary

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



30.6972, 27.6639, 40.7675



28.9542, 35.2162, 27.8270

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.



21.3478, 27.6639, 27.8567



30.6972, 27.6639, 40.7675



24.3974, 27.6639, 17.9719

Square

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



30.6972, 27.6639, 40.7675



29.7872, 27.6639, 19.6697



22.3329, 27.6639, 21.5114



23.0846, 27.6639, 43.7421

Rectangle

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



30.6972, 27.6639, 40.7675



31.9025, 27.6639, 27.2188



22.3329, 27.6639, 21.5114



21.3841, 27.6639, 33.2231

Sweetspot

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



30.6980, 27.6651, 40.7681



63.6551, 64.1490, 76.2521



26.1477, 26.3911, 40.7620



13.7922, 13.8368, 16.5960



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.6980, 27.6651, 40.7681



53.6083, 46.5779, 73.3901



30.6836, 27.7800, 35.2426



7.7319, 7.6099, 9.4797



13.9635, 6.5819, 28.5100



0.3682, 0.1748, 0.6950

Inverse Universe

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



29.3347, 27.2404, 28.1394



50.7416, 45.6945, 46.3991



29.0157, 35.1465, 32.4092



7.5744, 7.5596, 8.0760



12.3371, 6.3436, 1.3207



0.3131, 0.1595, 0.1004

Previews

White Background



This preview shows how the XYZ color 30.6972, 27.6639, 40.7675 looks on a white background.

Color Contrast Check

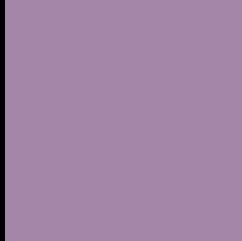
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6972, 27.6639, 40.7675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

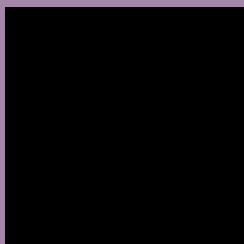
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6972, 27.6639, 40.7675

Background



This preview shows how black text looks on a background with the XYZ color 30.6972, 27.6639, 40.7675.



This preview shows how white text looks on a background with the XYZ color 30.6972, 27.6639,

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

30.6972, 27.6639, 40.7675

Protanopia

27.6295, 27.7204, 43.9387

Deuteranopia

28.3858, 27.7492, 40.4193



Tritanopia

28.9310, 27.7887, 31.8559

Trichromacy



Original Color

30.6972, 27.6639, 40.7675

Protanomaly

28.5331, 27.5548, 42.8445

Deuteranomaly

29.2004, 27.7393, 40.3744

Tritanomaly

29.5600, 27.8349, 34.8250

Monochromacy



Original Color

30.6972, 27.6639, 40.7675

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.7263, 28.4849, 34.9944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6972, 27.6639, 40.7675 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, 134, 168)` looks like.

```
.text, #text, p{  
    color:rgb(163, 134, 168)  
}
```

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, 134, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 134, 168) }
```

Border

The CSS property to change the border of an element to XYZ 30.6972, 27.6639, 40.7675 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, 134, 168) }
```


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

```
.border{ border-color:rgb(163, 134, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 134, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 134, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 134, 168);  
box-shadow:4px 4px 4px 4px rgb(163, 134,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6972, 27.6639, 40.7675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 134, 168) }
```

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

```
.background{ background-color: rgb(163,  
134, 168) }
```

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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