

Converting Colors

XYZ(34.0107, 27.6884, 54.0042)

Have a look what the booklet for
XYZ(34.0107, 27.6884, 54.0042)
contains.

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Color

**XYZ(34.0096, 27.6869,
54.0037)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7FC1
RGB	171, 127, 193
RGB Percent	67%, 50%, 76%
CMY	0.3294, 0.5019, 0.2431
CMYK	0.11, 0.34, 0.00, 0.24
HSL	280°, 35%, 63%
HSV	280°, 34%, 76%
XYZ	34.0096, 27.6869, 54.0037
YIQ	147.6800, 5.0380, 29.8540

Conversions

Conversions Part 2

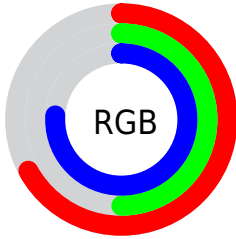
Format	Color
R_{YB}	171, 127, 193
Decimal	11239361
CIE _{Lab}	59.60, 29.09, -27.96
CIE _{LCh}	60, 40.346, 316.131
Yxy	27.6869, 0.2939, 0.2393
Android (android.graphics.Color)	4289429441 (0xFFAB7FC1)
YUV	147.6800, 22.3428, 20.4516
Hunter-Lab	52.6183, 23.2905, -24.0182

Details

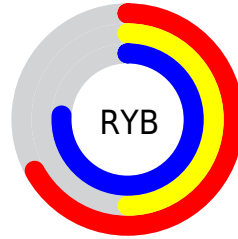
The XYZ color **34.0096, 27.6869, 54.0037** is a light color, and the websafe version is hex **996699**. A complement of this color would be **35.2960, 46.0625, 27.1105**, and the grayscale version is **27.9244, 29.3787, 31.9934**.

A 20% lighter version of the original color is **65.2551, 55.8755, 97.7882**, and **14.7853, 11.0234, 25.7746** is the 20% darker color. If you saturate the color by 10%, you get **30.3845, 22.4661, 53.1875**, and if you desaturate by 10%, it is **38.1822, 33.9001, 54.9835**.

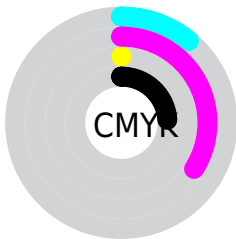
Distribution



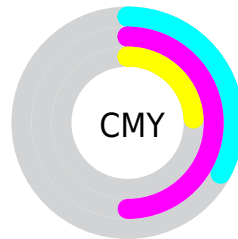
- Red (67%)
- Green (50%)
- Blue (76%)



- Red (67%)
- Yellow (50%)
- Blue (76%)



- Cyan (11%)
- Magenta (34%)
- Yellow (0%)
- Black (24%)




- Cyan (33%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0096, 27.6869, 54.0037 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 34.0096, 27.6869, 54.0037 by changing the saturation by 10% instead.


 34.0096, 27.6869,
54.0037


 34.0096, 27.6869,
54.0037


311.7600,
290.9678, 419.2991


 23.0639, 18.0898,
38.2114


 65.2928, 55.9842,
97.5361

 14.7617, 11.0145,
25.8437


 86.3610, 75.4531,
126.1134

 8.7375, 6.0766,
16.4820

 111.5341, 98.9814,
159.7893

 4.6261, 2.8917,
9.7079

141.1774,
126.9536, 198.9826

 2.0621, 1.0755,
5.1026

175.6563,
159.7538, 244.1117

 0.6685, 0.0000,
2.2478

215.3361,

 0.0000, 0.0000,

197.7667, 295.5951

0.7018

260.5822,
241.3766, 353.8514

■ 0.0000, 0.0000,
0.0000

■ 34.0096, 27.6869,
54.0037

■ 34.0096, 27.6869,
54.0037

■ 30.3845, 22.4661,
53.1875

■ 38.1822, 33.9001,
54.9835

■ 27.2758, 18.1790,
52.5238

■ 42.9257, 41.1530,
56.1334

■ 24.6534, 14.7659,
52.0033

■ 48.2652, 49.4940,
57.4620

■ 22.4824, 12.1589,
51.6145

■ 54.2237, 58.9676,
58.9765

■ 20.7228, 10.2793,
51.3444

■ 60.8227, 69.6155,
60.6840

■ 19.3264, 9.0323,
51.1773

■ 68.0828, 81.4775,
62.5909

■ 18.6286, 8.4914,
51.1097

■ 73.7150, 89.9746,
63.9342

■ 75.6536, 90.9740,
64.0249

■ 77.6675, 92.0121,
64.1191

Harmonies

Analogous

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



29.1256, 27.6869, 65.8240



34.0096, 27.6869, 54.0037



36.9909, 27.6869, 37.3662

Triad

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



34.0096, 27.6869, 54.0037



28.7286, 27.6869, 10.3184



17.9987, 27.6869, 38.6116

Complementary

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



34.0096, 27.6869, 54.0037



35.2960, 46.0625, 27.1105

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.



17.9213, 27.6869, 23.9221



34.0096, 27.6869, 54.0037



23.6923, 27.6869, 10.4590

Square

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



34.0096, 27.6869, 54.0037



33.6869, 27.6869, 14.1340



19.8794, 27.6869, 14.6109



20.1066, 27.6869, 55.1646

Rectangle

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



34.0096, 27.6869, 54.0037



37.2791, 27.6869, 27.2544



19.8794, 27.6869, 14.6109



17.7446, 27.6869, 33.2359

Sweetspot

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



34.0105, 27.6881, 54.0043



80.6111, 79.4989, 101.4564



29.1265, 29.8583, 54.6806



17.0087, 16.6114, 21.6952



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.0105, 27.6881, 54.0043



55.9863, 42.4612, 95.6053



38.0260, 29.8947, 48.0227



10.1606, 10.0739, 12.6938



12.4777, 5.6929, 33.9978



0.6097, 0.2824, 1.4722

Inverse Universe

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



35.0074, 28.6872, 32.1269



58.2925, 44.6710, 49.5862



32.4107, 44.4876, 30.9247



10.2086, 10.1320, 11.1890



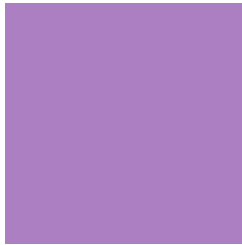
15.2828, 7.8029, 4.1355



0.6927, 0.3501, 0.3492

Previews

White Background



This preview shows how the XYZ color 34.0096, 27.6869, 54.0037 looks on a white background.

Color Contrast Check

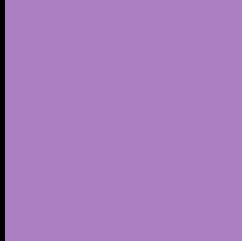
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0096, 27.6869, 54.0037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

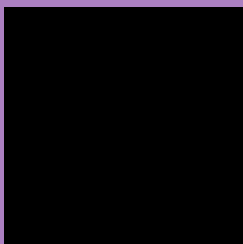
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.0096, 27.6869, 54.0037

Background



This preview shows how black text looks on a background with the XYZ color 34.0096, 27.6869, 54.0037.



This preview shows how white text looks on a background with the XYZ color 34.0096, 27.6869,

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

34.0096, 27.6869, 54.0037

Protanopia

28.8843, 27.9907, 61.0071

Deuteranopia

28.4830, 27.9692, 52.6126



Tritanopia

29.3805, 27.6074, 31.3840

Trichromacy



Original Color

34.0096, 27.6869, 54.0037

Protanomaly

30.3555, 27.7242, 58.3950

Deuteranomaly

30.2037, 27.7639, 53.0573

Tritanomaly

31.0247, 27.6709, 38.8278

Monochromacy



Original Color

34.0096, 27.6869, 54.0037

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.7892, 28.5044, 39.0538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0096, 27.6869, 54.0037 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(171, 127, 193)` looks like.

```
.text, #text, p{  
    color:rgb(171, 127, 193)  
}
```

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(171, 127, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 127, 193) }
```

Border

The CSS property to change the border of an element to XYZ 34.0096, 27.6869, 54.0037 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(171, 127, 193) }
```


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

```
.border{ border-color:rgb(171, 127, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 127, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 127, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 127, 193);  
box-shadow:4px 4px 4px 4px rgb(171, 127,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0096, 27.6869, 54.0037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 127, 193) }
```

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

```
.background{ background-color: rgb(171,  
127, 193) }
```

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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