

Converting Colors

XYZ(29.0047, 27.7646, 44.3901)

Have a look what the booklet for
XYZ(29.0047, 27.7646, 44.3901)
contains.

XYZ(29.0031, 27.7634, 44.3877)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.0031, 27.7634,
44.3877)**

Conversions

Conversions Part 1

Format	Color
Hex	938BAF
RGB	147, 139, 175
RGB Percent	58%, 55%, 69%
CMY	0.4235, 0.4549, 0.3137
CMYK	0.16, 0.21, 0.00, 0.31
HSL	253°, 18%, 62%
HSV	253°, 21%, 69%
XYZ	29.0031, 27.7634, 44.3877
YIQ	145.4960, -6.7880, 12.8920

Conversions

Conversions Part 2

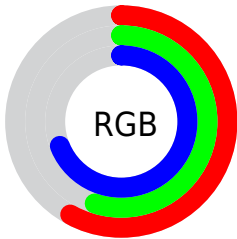
Format	Color
RYB	147, 139, 175
Decimal	9669551
CIELab	59.67, 10.44, -17.82
CIELCh	60, 20.654, 300.351
Yxy	27.7634, 0.2867, 0.2745
Android (android.graphics.Color)	4287859631 (0xFF938BAF)
YUV	145.4960, 14.5455, 1.3190
Hunter-Lab	52.6910, 6.0439, -13.0631

Details

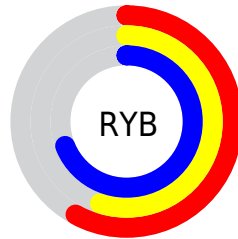
The XYZ color **29.0031, 27.7634, 44.3877** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.9274, 40.7402, 30.3974**, and the grayscale version is **27.0608, 28.4700, 31.0039**.

A 20% lighter version of the original color is **57.3608, 55.8863, 83.3652**, and **11.9091, 11.0367, 19.9150** is the 20% darker color. If you saturate the color by 10%, you get **24.3712, 21.9109, 43.5026**, and if you desaturate by 10%, it is **34.3312, 34.5783, 45.4227**.

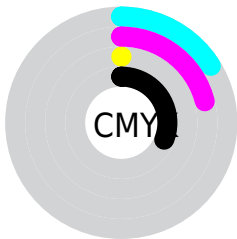
Distribution



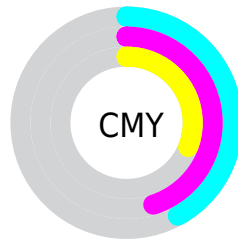
- Red (58%)
- Green (55%)
- Blue (69%)



- Red (58%)
- Yellow (55%)
- Blue (69%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (31%)



- Cyan (42%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0031, 27.7634, 44.3877 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 29.0031, 27.7634, 44.3877 by changing the saturation by 10% instead.

■ 29.0031, 27.7634,
44.3877

■ 29.0031, 27.7634,
44.3877

289.2235,
291.3346, 380.3756

■ 19.2275, 18.1474,
30.6360

■ 57.4795, 56.1065,
83.1095

■ 11.9397, 11.0559,
20.0657

■ 76.9110, 75.6023,
108.9167

■ 6.7746, 6.1044,
12.2582

■ 100.2919, 99.1602,
139.5794

■ 3.3666, 2.9087,
6.7951

127.9874,
127.1646, 175.5163

■ 1.3505, 1.0842,
3.2578

160.3630,
159.9998, 217.1458

■ 0.2205, 0.0000,
1.2277

197.7840,

■ 0.0000, 0.0000,

198.0503, 264.8865

0.0014

240.6157,
241.7005, 319.1569

■ 0.0000, 0.0000,
0.0000

■ 29.0031, 27.7634,
44.3877

■ 29.0031, 27.7634,
44.3877

■ 24.3712, 21.9109,
43.5026

■ 34.3312, 34.5783,
45.4227

■ 20.4036, 16.9737,
42.7588

■ 40.3804, 42.3931,
46.6123

■ 17.0698, 12.9058,
42.1493

■ 47.1775, 51.2474,
47.9631

■ 14.3356, 9.6558,
41.6661

■ 54.7474, 61.1776,
49.4809

■ 12.1636, 7.1669,
41.3001

■ 63.1134, 72.2183,
51.1710

■ 10.5121, 5.3746,
41.0412

■ 72.2981, 84.4028,
53.0388

■ 9.3326, 4.2035,
40.8774

■ 80.2131, 93.5426,
54.3857

■ 8.5703, 3.5243,
40.7864

■ 84.7380, 95.8752,
54.5975

Harmonies

Analogous

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



26.4190, 27.7634, 46.9780



29.0031, 27.7634, 44.3877



30.9889, 27.7634, 37.9021

Triad

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



29.0031, 27.7634, 44.3877



28.9465, 27.7634, 19.3908



21.6863, 27.7634, 30.3176

Complementary

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



29.0031, 27.7634, 44.3877



35.9274, 40.7402, 30.3974

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.



22.2672, 27.7634, 23.6694



29.0031, 27.7634, 44.3877



26.3576, 27.7634, 18.0263

Square

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



29.0031, 27.7634, 44.3877



30.9547, 27.7634, 23.5403



23.9355, 27.7634, 19.4563



22.2946, 27.7634, 38.0794

Rectangle

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



29.0031, 27.7634, 44.3877



31.6450, 27.7634, 32.7004



23.9355, 27.7634, 19.4563



21.7485, 27.7634, 27.8866

Sweetspot

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



29.0040, 27.7645, 44.3883



66.1613, 67.9531, 82.2661



32.2416, 36.2957, 45.8644



14.5540, 14.9084, 18.2549



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.0040, 27.7645, 44.3883



47.7583, 44.4176, 78.6932



32.4468, 29.5394, 44.5494



7.7392, 7.8398, 10.0580



6.1824, 2.5470, 29.2103



0.2180, 0.0946, 0.8148

Inverse Universe

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



33.8877, 30.3703, 40.6363



58.2589, 50.0245, 70.4334



32.4220, 38.9331, 30.2333



8.2598, 8.1172, 9.6787



15.8727, 7.8116, 17.5071



0.4602, 0.2248, 0.5850

Previews

White Background



This preview shows how the XYZ color 29.0031, 27.7634, 44.3877 looks on a white background.

Color Contrast Check

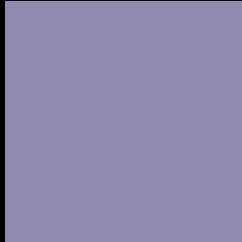
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0031, 27.7634, 44.3877 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 29.0031, 27.7634, 44.3877

Background



This preview shows how black text looks on a background with the XYZ color 29.0031, 27.7634, 44.3877.



This preview shows how white text looks on a background with the XYZ color 29.0031, 27.7634,

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

29.0031, 27.7634, 44.3877

Protanopia

27.7622, 27.7546, 45.4889

Deuteranopia

28.4181, 27.8957, 44.4441



Tritanopia

26.9829, 27.8177, 34.5190

Trichromacy



Original Color

29.0031, 27.7634, 44.3877

Protanomaly

28.1766, 27.7598, 44.9474

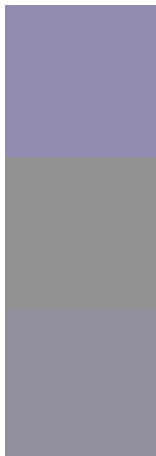
Deuteranomaly

28.6175, 27.7806, 44.4113

Tritanomaly

27.6962, 27.8839, 38.1048

Monochromacy



Original Color

29.0031, 27.7634, 44.3877

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.6773, 28.1562, 35.4284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0031, 27.7634, 44.3877 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(147, 139, 175)` looks like.

```
.text, #text, p{  
    color:rgb(147, 139, 175)  
}
```

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(147, 139, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 139, 175) }
```

Border

The CSS property to change the border of an element to XYZ 29.0031, 27.7634, 44.3877 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(147, 139, 175) }
```


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

```
.border{ border-color:rgb(147, 139, 175) }
```

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

Here you see how a box with a 4 pixel rgb(147, 139, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 139, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 139, 175);  
box-shadow:4px 4px 4px 4px rgb(147, 139,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0031, 27.7634, 44.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 139, 175) }
```

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

```
.background{ background-color: rgb(147,  
139, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor