

Converting Colors

XYZ(41.7944, 27.1118, 97.6380)

Have a look what the booklet for
XYZ(41.7944, 27.1118, 97.6380)
contains.

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Color

**XYZ(41.7944, 27.1118,
97.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	B36AFF
RGB	179, 106, 255
RGB Percent	70%, 42%, 100%
CMY	0.2980, 0.5843, 0.0000
CMYK	0.30, 0.58, 0.00, 0.00
HSL	269°, 100%, 71%
HSV	269°, 58%, 100%
XYZ	41.7944, 27.1118, 97.6380
YIQ	144.8130, -4.3210, 61.8150

Conversions

Conversions Part 2

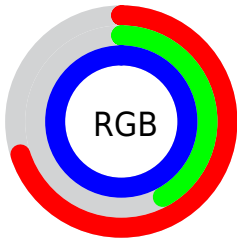
Format	Color
R _Y B	179, 106, 255
Decimal	11758335
CIE Lab	59.08, 56.60, -63.42
CIE LCh	59, 85.006, 311.751
Yxy	27.1118, 0.2510, 0.1628
Android (android.graphics.Color)	4289948415 (0xFFB36AFF)
YUV	144.8130, 54.3222, 29.9820
Hunter-Lab	52.0690, 52.1565, -74.7303

Details

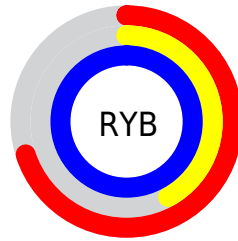
The XYZ color **41.7944, 27.1118, 97.6380** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **57.6530, 82.5057, 26.5230**, and the grayscale version is **26.6269, 28.0136, 30.5068**.

A 20% lighter version of the original color is **65.8807, 50.5388, 100.8904**, and **19.2363, 10.6424, 53.8636** is the 20% darker color. If you saturate the color by 10%, you get **36.6808, 21.1379, 96.7545**, and if you desaturate by 10%, it is **47.9747, 34.7958, 98.7955**.

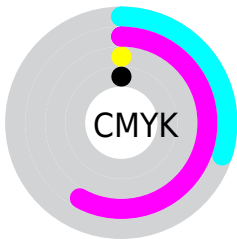
Distribution



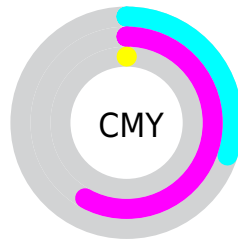
- Red (70%)
- Green (42%)
- Blue (100%)



- Red (70%)
- Yellow (42%)
- Blue (100%)



- Cyan (30%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)





- Cyan (30%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7944, 27.1118, 97.6380 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 41.7944, 27.1118, 97.6380 by changing the saturation by 10% instead.


 41.7944, 27.1118,
97.6380

 41.7944, 27.1118,
97.6380


344.6361,
288.1980, 573.7749

 29.1307, 17.6572,
73.7236


 77.1555, 55.0632,
159.9309


 19.3245, 10.7042,
54.0724


 100.5836, 74.3288,
199.1464

 12.0104, 5.8683,
38.2660


 128.3306, 97.6336,
244.2994

 6.8230, 2.7651,
25.8857

 160.7618,
125.3618, 295.8084

 3.3970, 1.0104,
16.5132

198.2426,
157.8980, 354.0919

 1.3670, 0.0000,
9.7297

241.1384,

 0.2325, 0.0000,

195.6265, 419.5684

5.1169

289.8144,
238.9317, 492.6566

■ 0.0000, 0.0000,
2.2561

■ 0.0000, 0.0000,
0.7065

■ 41.7944, 27.1118,
97.6380

■ 41.7944, 27.1118,
97.6380

■ 36.6808, 21.1379,
96.7545

■ 47.9747, 34.7958,
98.7955

■ 32.5514, 16.7240,
96.1202

■ 55.2887, 44.3164,
100.2476

■ 29.3143, 13.6976,
95.7066

■ 63.8013, 55.7912,
102.0138

■ 26.8425, 11.8172,
95.4739

■ 73.5709, 69.3269,
104.1116

■ 26.4981, 11.5751,
95.4454

■ 84.6520, 85.0224,
106.5571

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



30.1297, 27.1118, 130.9134



41.7944, 27.1118, 97.6380



50.2659, 27.1118, 51.7346

Triad

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



41.7944, 27.1118, 97.6380



32.6656, 27.1118, 1.5733



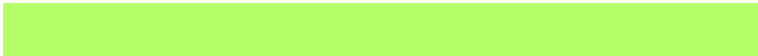
10.5622, 27.1118, 43.0188

Complementary

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



41.7944, 27.1118, 97.6380



57.6530, 82.5057, 26.5230

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.



10.8944, 27.1118, 14.7964



41.7944, 27.1118, 97.6380



21.8507, 27.1118, 1.3438

Square

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



41.7944, 27.1118, 97.6380



44.0820, 27.1118, 5.2598



14.4740, 27.1118, 3.9174



13.3939, 27.1118, 87.6503

Rectangle

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



41.7944, 27.1118, 97.6380



51.8623, 27.1118, 27.7788



14.4740, 27.1118, 3.9174



10.3343, 27.1118, 31.3327

Sweetspot

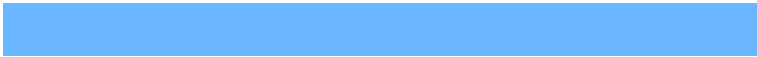
The Sweet Spot groups the original color and five complimentary colors.



41.7955, 27.1128, 97.6382



74.0203, 69.9570, 104.2095



40.9246, 44.1450, 100.9716



15.2029, 14.0781, 22.1660



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.7955, 27.1128, 97.6382



35.9696, 20.3458, 96.6391



63.5366, 38.3207, 98.6556



17.8504, 17.8146, 22.7477



14.0171, 6.1366, 49.8803



1.4905, 0.6623, 4.8625

Inverse Universe

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



54.8378, 34.9461, 48.1108



50.8846, 29.3083, 39.7991



44.6053, 75.7794, 25.9124



18.3961, 18.1417, 20.7028



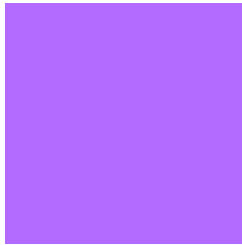
23.7321, 11.9821, 12.5057



2.3659, 1.1887, 1.5083

Previews

White Background



This preview shows how the XYZ color 41.7944, 27.1118, 97.6380 looks on a white background.

Color Contrast Check

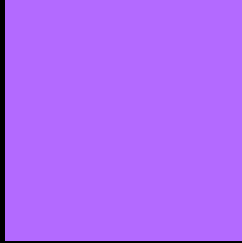
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.7944, 27.1118, 97.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

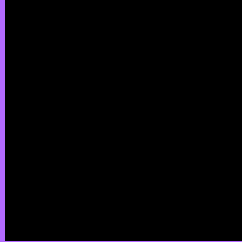
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.7944, 27.1118, 97.6380

Background



This preview shows how black text looks on a background with the XYZ color 41.7944, 27.1118, 97.6380.

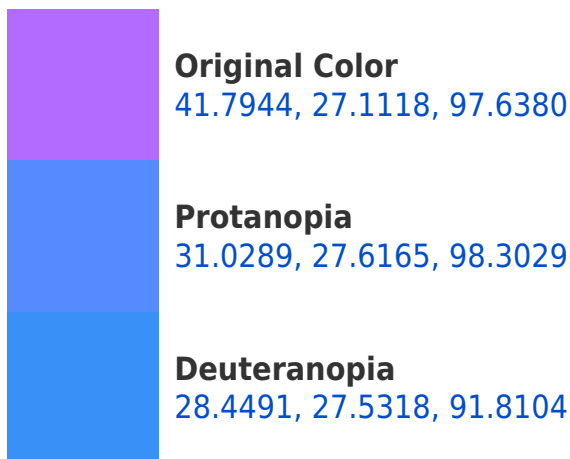


This preview shows how white text looks on a background with the XYZ color 41.7944, 27.1118,

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





Tritanopia

28.2905, 27.0546, 30.9251

Trichromacy



Original Color

41.7944, 27.1118, 97.6380



Protanomaly

33.2471, 26.3207, 97.9358



Deuteranomaly

30.6048, 25.6341, 93.7773



Tritanomaly

31.9224, 26.3194, 49.8520

Monochromacy



Original Color

41.7944, 27.1118, 97.6380



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

30.7779, 26.9035, 49.4697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7944, 27.1118, 97.6380 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(179, 106, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 106, 255)  
}
```

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(179, 106, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 106, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.7944, 27.1118, 97.6380 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(179, 106, 255) }
```


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

```
.border{ border-color:rgb(179, 106, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 106, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 106, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 106, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 106,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7944, 27.1118, 97.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 106, 255) }
```

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

```
.background{ background-color: rgb(179,  
106, 255) }
```

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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