

Converting Colors

XYZ(41.6363, 28.4801, 97.9105)

Have a look what the booklet for
XYZ(41.6363, 28.4801, 97.9105)
contains.

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Color

**XYZ(41.6363, 28.4801,
97.9105)**

Conversions

Conversions Part 1

Format	Color
Hex	AE73FF
RGB	174, 115, 255
RGB Percent	68%, 45%, 100%
CMY	0.3176, 0.5490, 0.0000
CMYK	0.32, 0.55, 0.00, 0.00
HSL	265°, 100%, 73%
HSV	265°, 55%, 100%
XYZ	41.6363, 28.4801, 97.9105
YIQ	148.6010, -9.7760, 56.0480

Conversions

Conversions Part 2

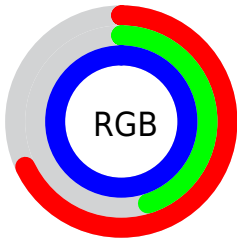
Format	Color
RYB	174, 115, 255
Decimal	11432959
CIELab	60.32, 50.77, -61.46
CIElCh	60, 79.715, 309.561
Yxy	28.4801, 0.2478, 0.1695
Android (android.graphics.Color)	4289623039 (0xFFAE73FF)
YUV	148.6010, 52.4547, 22.2749
Hunter-Lab	53.3667, 45.8724, -71.4210

Details

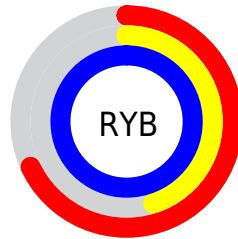
The XYZ color **41.6363, 28.4801, 97.9105** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **61.6192, 84.4934, 29.2815**, and the grayscale version is **28.1907, 29.6588, 32.2984**.

A 20% lighter version of the original color is **65.8422, 52.9196, 101.3520**, and **19.2476, 11.4799, 54.0247** is the 20% darker color. If you saturate the color by 10%, you get **36.0122, 21.8452, 96.9262**, and if you desaturate by 10%, it is **48.4277, 36.9111, 99.1799**.

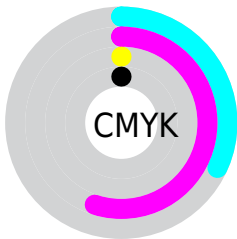
Distribution



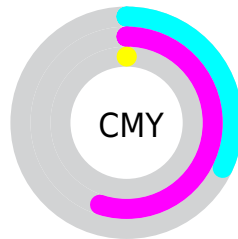
- Red (68%)
- Green (45%)
- Blue (100%)



- Red (68%)
- Yellow (45%)
- Blue (100%)



- Cyan (32%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)





- Cyan (32%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6363, 28.4801, 97.9105 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 41.6363, 28.4801, 97.9105 by changing the saturation by 10% instead.


 41.6363, 28.4801,
97.9105


 41.6363, 28.4801,
97.9105

343.9904,
294.7540, 574.6619


 29.0065, 18.6879,
73.9495


 76.9175, 57.2500,
160.3095

 19.2300, 11.4450,
54.2562


 100.2996, 76.9965,
199.5846

 11.9416, 6.3670,
38.4120


 127.9965,
100.8299, 244.8015

 6.7758, 3.0695,
25.9983

160.3735,
129.1346, 296.3788

 3.3674, 1.1681,
16.5966

197.7961,
162.2949, 354.7349

 1.3509, 0.0354,
9.7884

240.6295,

 0.2208, 0.0000,

200.6954, 420.2884

5.1551

289.2392,
244.7202, 493.4579

■ 0.0000, 0.0000,
2.2782

■ 0.0000, 0.0000,
0.7190

■ 41.6363, 28.4801,
97.9105

■ 41.6363, 28.4801,
97.9105

■ 36.0122, 21.8452,
96.9262

■ 48.4277, 36.9111,
99.1799

■ 31.4722, 16.8612,
96.2035

■ 56.4544, 47.2615,
100.7547

■ 27.9260, 13.3642,
95.7154

■ 65.7827, 59.6471,
102.6537

■ 25.2630, 11.1522,
95.4288

■ 76.4730, 74.1733,
104.8941

■ 24.1699, 10.3749,
95.3364

■ 88.5815, 90.9380,
107.4918

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.



30.4712, 28.4801, 126.3952



41.6363, 28.4801, 97.9105



50.0128, 28.4801, 55.1482

Triad

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



41.6363, 28.4801, 97.9105



34.5394, 28.4801, 2.5060



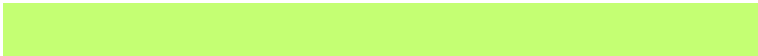
11.9320, 28.4801, 41.3438

Complementary

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



41.6363, 28.4801, 97.9105



61.6192, 84.4934, 29.2815

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.



12.5000, 28.4801, 15.1990



41.6363, 28.4801, 97.9105



23.9309, 28.4801, 2.0238

Square

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



41.6363, 28.4801, 97.9105



45.2513, 28.4801, 7.1840



16.3712, 28.4801, 4.6944



14.5561, 28.4801, 82.5337

Rectangle

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



41.6363, 28.4801, 97.9105



51.9006, 28.4801, 31.4442



16.3712, 28.4801, 4.6944



11.7747, 28.4801, 30.5798

Sweetspot

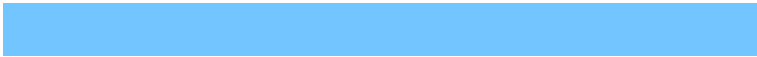
The Sweet Spot groups the original color and five complimentary colors.



41.6374, 28.4811, 97.9106



75.2299, 72.4692, 104.6306



45.0114, 50.6467, 102.0112



15.6137, 14.8436, 22.2921



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.



41.6374, 28.4811, 97.9106



35.4617, 21.2195, 96.8345



61.2584, 38.5961, 98.8289



17.7286, 17.7518, 22.7420



12.7908, 5.5044, 49.8229



1.3668, 0.5985, 4.8568

Inverse Universe

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



57.3346, 37.5074, 56.4415



53.2831, 31.4916, 48.6564



47.5578, 77.2445, 28.6235



18.4500, 18.1633, 20.9869



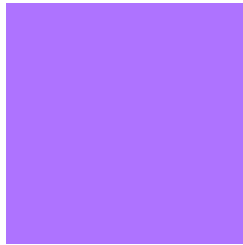
24.3987, 12.2488, 16.0159



2.4302, 1.2145, 1.8470

Previews

White Background



This preview shows how the XYZ color 41.6363, 28.4801, 97.9105 looks on a white background.

Color Contrast Check

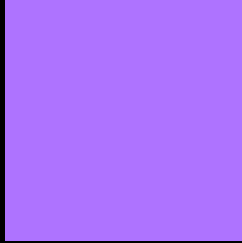
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6363, 28.4801, 97.9105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

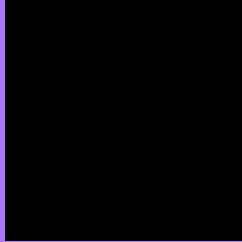
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.6363, 28.4801, 97.9105

Background



This preview shows how black text looks on a background with the XYZ color 41.6363, 28.4801, 97.9105.

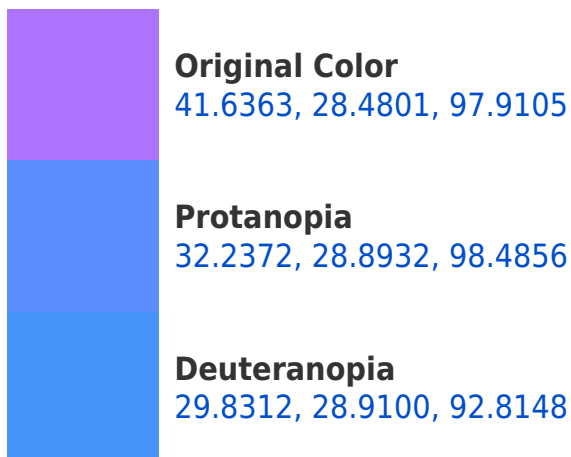


This preview shows how white text looks on a background with the XYZ color 41.6363, 28.4801,

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

28.6011, 28.2197, 34.0765

Trichromacy



Original Color

41.6363, 28.4801, 97.9105

Protanomaly

34.3273, 27.8601, 98.1760

Deuteranomaly

32.1400, 27.4188, 94.8652

Tritanomaly

32.2435, 27.7973, 52.3812

Monochromacy



Original Color

41.6363, 28.4801, 97.9105

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

32.1233, 28.7913, 51.4411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6363, 28.4801, 97.9105 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(174, 115, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 115, 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(174, 115, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 115, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.6363, 28.4801, 97.9105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

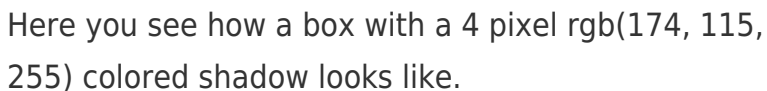
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 115, 255) }
```


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

```
.border{ border-color:rgb(174, 115, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 115, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 115, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 115, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 115,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6363, 28.4801, 97.9105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 115, 255) }
```

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

```
.background{ background-color: rgb(174,  
115, 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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