

Converting Colors

XYZ(41.1082, 29.7980, 96.0547)

Have a look what the booklet for
XYZ(41.1082, 29.7980, 96.0547)
contains.

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Color

**XYZ(41.1405, 29.8786,
95.6943)**

Conversions

Conversions Part 1

Format	Color
Hex	A97CFC
RGB	169, 124, 252
RGB Percent	66%, 49%, 99%
CMY	0.3372, 0.5137, 0.0118
CMYK	0.33, 0.51, 0.00, 0.01
HSL	261°, 96%, 74%
HSV	261°, 51%, 99%
XYZ	41.1405, 29.8786, 95.6943
YIQ	152.0470, -14.2680, 49.3480

Conversions

Conversions Part 2

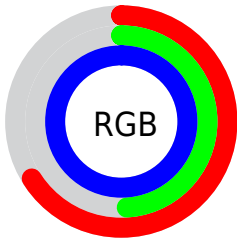
Format	Color
R _Y B	169, 124, 252
Decimal	11107580
CIE Lab	61.55, 43.96, -57.87
CIE LCh	62, 72.671, 307.221
Yxy	29.8786, 0.2468, 0.1792
Android (android.graphics.Color)	4289297660 (0xFFA97CFC)
YUV	152.0470, 49.2768, 14.8678
Hunter-Lab	54.6613, 38.6896, -65.5347

Details

The XYZ color **41.1405, 29.8786, 95.6943** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **64.1810, 84.3420, 31.9666**, and the grayscale version is **29.6649, 31.2098, 33.9875**.

A 20% lighter version of the original color is **65.6489, 55.3917, 101.8393**, and **18.9150, 12.1500, 52.9780** is the 20% darker color. If you saturate the color by 10%, you get **35.0873, 22.6542, 94.6195**, and if you desaturate by 10%, it is **48.4410, 38.9445, 97.0600**.

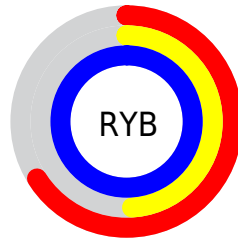
Distribution



Red (66%)

Green (49%)

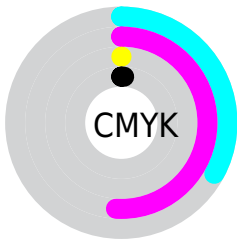
Blue (99%)



Red (66%)

Yellow (49%)

Blue (99%)

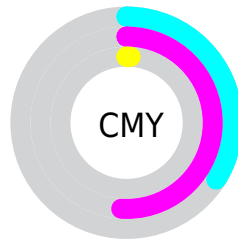


Cyan (33%)

Magenta (51%)

Yellow (0%)

Black (1%)



Cyan (34%)

Magenta (51%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1405, 29.8786, 95.6943 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 41.1405, 29.8786, 95.6943 by changing the saturation by 10% instead.

41.1405, 29.8786,
95.6943

41.1405, 29.8786,
95.6943

341.9601,
301.3382, 567.4263

28.6170, 19.7465,
72.1129

76.1705, 59.4701,
157.2273

18.9341, 12.2109,
52.7635

99.4077, 79.6983,
196.0159

11.7264, 6.8875,
37.2276

126.9469,
104.0607, 240.7108

6.6285, 3.3918,
25.0866

159.1535,
132.9415, 291.7303

3.2751, 1.3396,
15.9220

196.3927,
166.7253, 349.4931

1.3009, 0.1715,
9.3152

239.0300,

0.1839, 0.0000,

205.7964, 414.4177

4.8477

287.4306,
250.5392, 486.9226

■ 0.0000, 0.0000,
2.1010

■ 0.0000, 0.0000,
0.6164

■ 41.1405, 29.8786,
95.6943

■ 41.1405, 29.8786,
95.6943

■ 35.0873, 22.6542,
94.6195

■ 48.4410, 38.9445,
97.0600

■ 30.1990, 17.1343,
93.8116

■ 57.0566, 49.9689,
98.7338

■ 26.3876, 13.1671,
93.2468

■ 67.0540, 63.0624,
100.7342

■ 23.5487, 10.5709,
92.8953

■ 78.4944, 78.3265,
103.0775

■ 21.6521, 9.1323,
92.7176

■ 91.4349, 95.8560,
105.7790

■ 94.5708, 99.8083,
106.3766

Harmonies

Analogous

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



30.7910, 29.8786, 118.6347



41.1405, 29.8786, 95.6943



49.1282, 29.8786, 57.6968

Triad

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



41.1405, 29.8786, 95.6943



36.1908, 29.8786, 4.0392



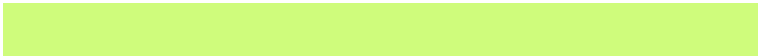
13.7017, 29.8786, 39.6659

Complementary

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



41.1405, 29.8786, 95.6943



64.1810, 84.3420, 31.9666

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.



14.5156, 29.8786, 16.0130



41.1405, 29.8786, 95.6943



26.1337, 29.8786, 3.1830

Square

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



41.1405, 29.8786, 95.6943



45.8491, 29.8786, 9.8388



18.6037, 29.8786, 5.9362



16.0554, 29.8786, 76.3248

Rectangle

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



41.1405, 29.8786, 95.6943



51.2074, 29.8786, 35.1734



18.6037, 29.8786, 5.9362



13.6249, 29.8786, 30.0276

Sweetspot

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



41.1417, 29.8797, 95.6950



75.4951, 73.5726, 104.8297



48.2450, 56.0369, 100.3695



15.6304, 15.0426, 22.3296



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.



41.1417, 29.8797, 95.6950



35.9072, 23.1127, 97.1764



58.3181, 38.7345, 96.4989



16.8587, 16.9398, 21.7664



11.4227, 4.8313, 48.3040



1.1680, 0.5042, 4.4789

Inverse Universe

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



58.6156, 39.6165, 63.5888



56.2065, 34.4540, 58.5232



49.8117, 76.9343, 31.2941



17.7187, 17.4149, 20.3746



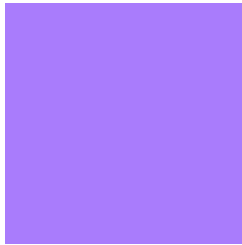
24.4470, 12.1945, 19.5941



2.3144, 1.1495, 2.0793

Previews

White Background



This preview shows how the XYZ color 41.1405, 29.8786, 95.6943 looks on a white background.

Color Contrast Check

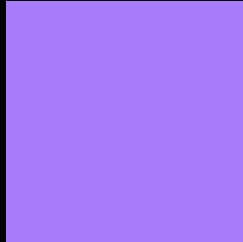
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1405, 29.8786, 95.6943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

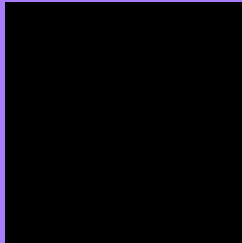
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.1405, 29.8786, 95.6943

Background



This preview shows how black text looks on a background with the XYZ color 41.1405, 29.8786, 95.6943.



This preview shows how white text looks on a background with the XYZ color 41.1405, 29.8786,

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

41.1405, 29.8786, 95.6943

Protanopia

33.4309, 30.1801, 98.6711

Deuteranopia

31.3510, 30.4129, 92.2136



Tritanopia

29.1830, 29.8201, 36.5655

Trichromacy



Original Color

41.1405, 29.8786, 95.6943

Protanomaly

35.2925, 29.4071, 97.5819

Deuteranomaly

33.6940, 29.5341, 93.5473

Tritanomaly

32.6517, 29.4391, 53.8306

Monochromacy



Original Color

41.1405, 29.8786, 95.6943

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.8507, 30.2459, 51.6836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1405, 29.8786, 95.6943 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(169, 124, 252)` looks like.

```
.text, #text, p{  
    color:rgb(169, 124, 252)  
}
```

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(169, 124, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 124, 252) }
```

Border

The CSS property to change the border of an element to XYZ 41.1405, 29.8786, 95.6943 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(169, 124, 252) }
```


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

```
.border{ border-color:rgb(169, 124, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 124, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 124, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 124, 252); box-shadow:4px 4px 4px 4px rgb(169, 124, 252) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1405, 29.8786, 95.6943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 124, 252) }
```

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

```
.background{ background-color: rgb(169,  
124, 252) }
```

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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