

Converting Colors

XYZ(41.0149, 35.0149, 77.9956)

Have a look what the booklet for
XYZ(41.0149, 35.0149, 77.9956)
contains.

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Color

**XYZ(41.0149, 35.0149,
77.9956)**

Conversions

Conversions Part 1

Format	Color
Hex	AA93E4
RGB	170, 147, 228
RGB Percent	67%, 58%, 89%
CMY	0.3333, 0.4235, 0.1059
CMYK	0.25, 0.36, 0.00, 0.11
HSL	257°, 60%, 74%
HSV	257°, 36%, 89%
XYZ	41.0149, 35.0149, 77.9956
YIQ	163.1110, -12.2930, 30.0670

Conversions

Conversions Part 2

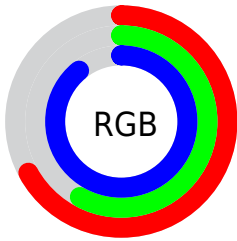
Format	Color
R _Y B	170, 147, 228
Decimal	11178980
CIE Lab	65.76, 25.42, -37.98
CIE LCh	66, 45.707, 303.793
Yxy	35.0149, 0.2663, 0.2273
Android (android.graphics.Color)	4289369060 (0xFFAA93E4)
YUV	163.1110, 31.9903, 6.0417
Hunter-Lab	59.1734, 20.1704, -36.7279

Details

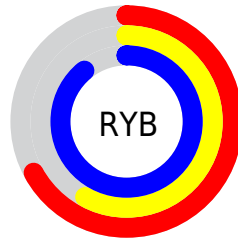
The XYZ color **41.0149, 35.0149, 77.9956** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **58.1874, 70.5732, 38.1602**, and the grayscale version is **34.7240, 36.5324, 39.7838**.

A 20% lighter version of the original color is **70.6152, 65.3242, 103.4947**, and **18.8317, 15.0573, 40.9435** is the 20% darker color. If you saturate the color by 10%, you get **34.5019, 26.9061, 76.7743**, and if you desaturate by 10%, it is **48.6713, 44.7575, 79.4732**.

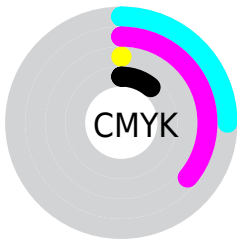
Distribution



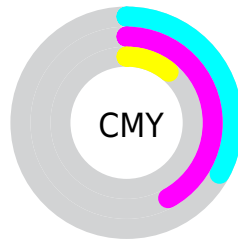
- Red (67%)
- Green (58%)
- Blue (89%)



- Red (67%)
- Yellow (58%)
- Blue (89%)



- Cyan (25%)
- Magenta (36%)
- Yellow (0%)
- Black (11%)



- Cyan (33%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0149, 35.0149, 77.9956 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 41.0149, 35.0149, 77.9956 by changing the saturation by 10% instead.

■ 41.0149, 35.0149,
77.9956

■ 41.0149, 35.0149,
77.9956

341.4444,
324.6341, 507.6794

■ 28.5184, 23.6744,
57.5539

■ 75.9811, 67.5088,
132.3297

■ 18.8593, 15.0922,
41.0378

■ 99.1815, 89.4310,
167.0593

■ 11.6720, 8.8841,
28.0287

126.6807,
115.6492, 207.3885

■ 6.5914, 4.6657,
18.1081

158.8439,
146.5478, 253.7361

■ 3.2519, 2.0525,
10.8574

196.0365,
182.5112, 306.5204

■ 1.2884, 0.6377,
5.8580

238.6239,

■ 0.1745, 0.0000,

223.9238, 366.1600

2.6916

286.9714,
271.1700, 433.0735

■ 0.0000, 0.0000,
0.9392

■ 0.0000, 0.0000,
0.0000

■ 41.0149, 35.0149,
77.9956

■ 41.0149, 35.0149,
77.9956

■ 34.5019, 26.9061,
76.7743

■ 48.6713, 44.7575,
79.4732

■ 29.0708, 20.3354,
75.7923

■ 57.5207, 56.2143,
81.2182

■ 24.6599, 15.2031,
75.0342

■ 67.6145, 69.4651,
83.2438

■ 21.1988, 11.3959,
74.4817

■ 78.9997, 84.5835,
85.5619

■ 18.6076, 8.7823,
74.1138

■ 89.7755, 97.7483,
87.5350

■ 16.7905, 7.2025,
73.9046

■ 91.0037, 98.3815,
87.5925

■ 16.1667, 6.7165,
73.8437

Harmonies

Analogous

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



34.1446, 35.0149, 88.3923



41.0149, 35.0149, 77.9956



46.3030, 35.0149, 56.9595

Triad

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



41.0149, 35.0149, 77.9956



39.3329, 35.0149, 13.5930



21.9598, 35.0149, 40.6317

Complementary

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



41.0149, 35.0149, 77.9956



58.1874, 70.5732, 38.1602

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.



22.9621, 35.0149, 23.9811



41.0149, 35.0149, 77.9956



32.4313, 35.0149, 11.8021

Square

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



41.0149, 35.0149, 77.9956



45.2435, 35.0149, 20.9948



26.5854, 35.0149, 14.8643



23.6375, 35.0149, 62.6954

Rectangle

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



41.0149, 35.0149, 77.9956



47.8850, 35.0149, 42.2770



26.5854, 35.0149, 14.8643



21.9959, 35.0149, 34.2546

Sweetspot

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



41.0161, 35.0163, 77.9964



79.7383, 79.7785, 105.8039



47.8805, 55.4921, 81.5868



16.6933, 16.5857, 22.5715



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.



41.0161, 35.0163, 77.9964



46.2435, 36.8648, 99.2861



51.1449, 40.2379, 78.4704



13.9652, 14.0843, 18.1268



9.4357, 3.9302, 42.6445



0.7862, 0.3363, 3.1554

Inverse Universe

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



53.4489, 41.7703, 63.0036



64.8551, 46.9924, 76.0766



48.4345, 65.5454, 37.7038



14.8114, 14.5418, 17.2074



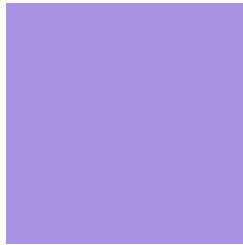
22.3591, 11.0778, 21.3176



1.6917, 0.8344, 1.7827

Previews

White Background



This preview shows how the XYZ color 41.0149, 35.0149, 77.9956 looks on a white background.

Color Contrast Check

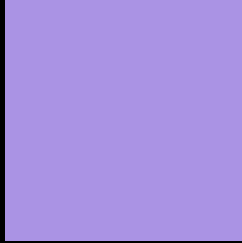
Large Text (above 18pt) WCAG AA × Fail

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 41.0149, 35.0149, 77.9956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

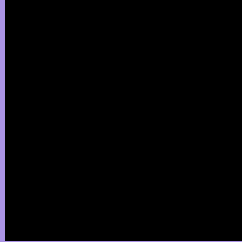
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0149, 35.0149, 77.9956

Background



This preview shows how black text looks on a background with the XYZ color 41.0149, 35.0149, 77.9956.



This preview shows how white text looks on a background with the XYZ color 41.0149, 35.0149,

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

41.0149, 35.0149, 77.9956

Protanopia

36.8702, 35.1566, 84.1995

Deuteranopia

36.1077, 35.1789, 76.8386



Tritanopia

34.0469, 35.1075, 43.5100

Trichromacy



Original Color

41.0149, 35.0149, 77.9956

Protanomaly

37.9533, 34.7767, 81.8030

Deuteranomaly

37.6335, 34.9532, 77.4362

Tritanomaly

36.3400, 35.0350, 54.7163

Monochromacy



Original Color

41.0149, 35.0149, 77.9956

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.7525, 35.8088, 51.9884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0149, 35.0149, 77.9956 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(170, 147, 228)` looks like.

```
.text, #text, p{  
    color:rgb(170, 147, 228)  
}
```

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(170, 147, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 147, 228) }
```

Border

The CSS property to change the border of an element to XYZ 41.0149, 35.0149, 77.9956 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(170, 147, 228) }
```


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

```
.border{ border-color:rgb(170, 147, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 147, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 147, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 147, 228);  
box-shadow:4px 4px 4px 4px rgb(170, 147,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0149, 35.0149, 77.9956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 147, 228) }
```

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

```
.background{ background-color: rgb(170,  
147, 228) }
```

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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