

Converting Colors

XYZ(40.2626, 36.2663, 78.6919)

Have a look what the booklet for
XYZ(40.2626, 36.2663, 78.6919)
contains.

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Color

**XYZ(40.3964, 36.3454,
79.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	A19AE5
RGB	161, 154, 229
RGB Percent	63%, 60%, 90%
CMY	0.3686, 0.3961, 0.1020
CMYK	0.30, 0.33, 0.00, 0.10
HSL	246°, 59%, 75%
HSV	246°, 33%, 90%
XYZ	40.3964, 36.3454, 79.0150
YIQ	164.6430, -19.9030, 24.8090

Conversions

Conversions Part 2

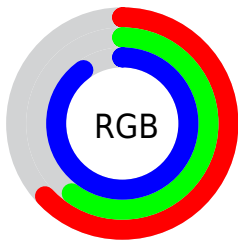
Format	Color
R_{YB}	161, 154, 229
Decimal	10590949
CIE _{Lab}	66.78, 19.10, -37.00
CIE _{LCh}	67, 41.639, 297.311
Yxy	36.3454, 0.2594, 0.2333
Android (android.graphics.Color)	4288781029 (0xFFA19AE5)
YUV	164.6430, 31.7280, -3.1949
Hunter-Lab	60.2871, 14.1044, -35.5071

Details

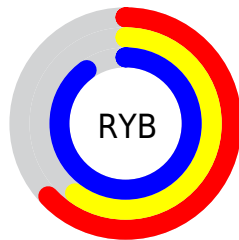
The XYZ color **40.3964, 36.3454, 79.0150** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.9770, 73.9020, 41.4658**, and the grayscale version is **35.4542, 37.3006, 40.6204**.

A 20% lighter version of the original color is **69.2211, 67.0835, 103.9078**, and **18.4565, 15.8434, 41.6205** is the 20% darker color. If you saturate the color by 10%, you get **33.1289, 27.5138, 77.6940**, and if you desaturate by 10%, it is **49.0821, 46.9798, 80.6105**.

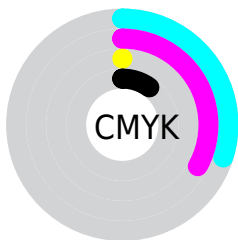
Distribution



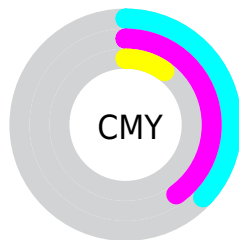
- Red (63%)
- Green (60%)
- Blue (90%)



- Red (63%)
- Yellow (60%)
- Blue (90%)



- Cyan (30%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)



- Cyan (37%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3964, 36.3454, 79.0150 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 40.3964, 36.3454, 79.0150 by changing the saturation by 10% instead.

■ 40.3964, 36.3454,
79.0150

■ 40.3964, 36.3454,
79.0150

338.8974,
330.4677, 511.2260

■ 28.0333, 24.7011,
58.3868

■ 75.0473, 69.5648,
133.7788

■ 18.4914, 15.8545,
41.7029

■ 98.0658, 91.9088,
168.7515

■ 11.4052, 9.4212,
28.5449

125.3668,
118.5880, 209.3427

■ 6.4093, 5.0169,
18.4942

157.3157,
149.9869, 255.9710

■ 3.1386, 2.2572,
11.1323

194.2779,
186.4900, 309.0550

■ 1.2275, 0.7509,
6.0406

236.6187,

■ 0.1279, 0.0000,

228.4815, 369.0131

2.8006

284.7033,
276.3460, 436.2640

■ 0.0000, 0.0000,
0.9937

■ 0.0000, 0.0000,
0.0000

■ 40.3964, 36.3454,
79.0150

■ 40.3964, 36.3454,
79.0150

■ 33.1289, 27.5138,
77.6940

■ 49.0821, 46.9798,
80.6105

■ 27.2005, 20.3810,
76.6297

■ 59.2521, 59.5051,
82.4921

■ 22.5299, 14.8386,
75.8061

■ 70.9727, 74.0084,
84.6738

■ 19.0256, 10.7641,
75.2043

■ 84.3052, 90.5705,
87.1679

■ 16.5833, 8.0169,
74.8028

■ 91.1430, 98.4372,
88.3259

■ 15.0799, 6.4287,
74.5755

■ 14.4602, 5.8207,
74.4908

Harmonies

Analogous

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



33.9809, 36.3454, 85.2326



40.3964, 36.3454, 79.0150



45.7557, 36.3454, 61.3819

Triad

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



40.3964, 36.3454, 79.0150



41.4971, 36.3454, 16.9957



23.8183, 36.3454, 37.9711

Complementary

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



40.3964, 36.3454, 79.0150



63.9770, 73.9020, 41.4658

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.



25.3339, 36.3454, 23.6606



40.3964, 36.3454, 79.0150



35.1157, 36.3454, 14.0795

Square

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



40.3964, 36.3454, 79.0150



46.4435, 36.3454, 25.7148



29.2882, 36.3454, 16.0874



24.8753, 36.3454, 57.6873

Rectangle

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



40.3964, 36.3454, 79.0150



47.7376, 36.3454, 47.6799



29.2882, 36.3454, 16.0874



24.0391, 36.3454, 32.4431

Sweetspot

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



40.3977, 36.3468, 79.0158



79.4477, 80.6715, 105.9916



53.7912, 65.1700, 83.8734



16.5708, 16.7304, 22.6059



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.



40.3977, 36.3468, 79.0158



45.3453, 38.8275, 99.7123



48.9224, 40.7415, 79.4148



13.7070, 13.9512, 18.1147



8.3113, 3.3505, 42.5918



0.6571, 0.2697, 3.1494

Inverse Universe

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



57.0544, 45.0444, 74.7952



69.6443, 51.5227, 93.2360



53.9210, 68.7180, 40.9952



14.9341, 14.5908, 17.8531



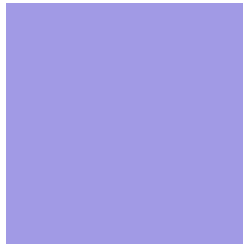
24.9824, 12.1272, 35.1317



1.8631, 0.9030, 2.6857

Previews

White Background



This preview shows how the XYZ color 40.3964, 36.3454, 79.0150 looks on a white background.

Color Contrast Check

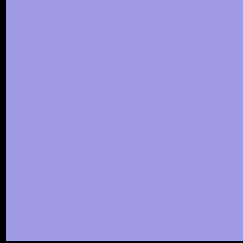
Large Text (above 18pt) WCAG AA × Fail

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 40.3964, 36.3454, 79.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

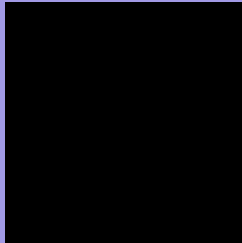
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3964, 36.3454, 79.0150

Background



This preview shows how black text looks on a background with the XYZ color 40.3964, 36.3454, 79.0150.



This preview shows how white text looks on a background with the XYZ color 40.3964, 36.3454,

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

40.3964, 36.3454, 79.0150

Protanopia

38.0695, 36.5711, 82.8943

Deuteranopia

37.5637, 36.6666, 78.4963



Tritanopia

33.7889, 36.2093, 46.8032

Trichromacy



Original Color

40.3964, 36.3454, 79.0150

Protanomaly

38.8250, 36.4830, 81.3395

Deuteranomaly

38.4432, 36.3511, 78.3891

Tritanomaly

35.8610, 35.9972, 57.2826

Monochromacy



Original Color

40.3964, 36.3454, 79.0150

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.1318, 37.0131, 52.7641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3964, 36.3454, 79.0150 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(161, 154, 229)` looks like.

```
.text, #text, p{  
    color:rgb(161, 154, 229)  
}
```

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(161, 154, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 154, 229) }
```

Border

The CSS property to change the border of an element to XYZ 40.3964, 36.3454, 79.0150 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(161, 154, 229) }
```


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

```
.border{ border-color:rgb(161, 154, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 154, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 154, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 154, 229);  
box-shadow:4px 4px 4px 4px rgb(161, 154,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3964, 36.3454, 79.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 154, 229) }
```

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

```
.background{ background-color: rgb(161,  
154, 229) }
```

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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