

Converting Colors

XYZ(40.5157, 37.0556, 60.8971)

Have a look what the booklet for
XYZ(40.5157, 37.0556, 60.8971)
contains.

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Color

**XYZ(40.5135, 37.0541,
60.8940)**

Conversions

Conversions Part 1

Format	Color
Hex	B19BCA
RGB	177, 155, 202
RGB Percent	69%, 61%, 79%
CMY	0.3059, 0.3921, 0.2078
CMYK	0.12, 0.23, 0.00, 0.21
HSL	268°, 31%, 70%
HSV	268°, 23%, 79%
XYZ	40.5135, 37.0541, 60.8940
YIQ	166.9360, -1.9750, 19.2810

Conversions

Conversions Part 2

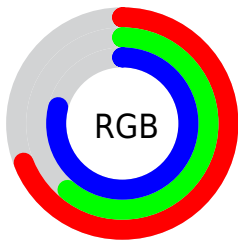
Format	Color
RYB	177, 155, 202
Decimal	11639754
CIELab	67.32, 17.16, -21.13
CIELCh	67, 27.221, 309.089
Yxy	37.0541, 0.2926, 0.2676
Android (android.graphics.Color)	4289829834 (0xFFB19BCA)
YUV	166.9360, 17.2866, 8.8261
Hunter-Lab	60.8721, 12.2748, -16.7009

Details

The XYZ color **40.5135, 37.0541, 60.8940** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.8606, 54.3119, 39.0782**, and the grayscale version is **36.6197, 38.5267, 41.9556**.

A 20% lighter version of the original color is **74.7009, 70.6368, 104.3049**, and **18.6078, 16.3238, 30.1871** is the 20% darker color. If you saturate the color by 10%, you get **35.0772, 29.6723, 59.7563**, and if you desaturate by 10%, it is **46.7072, 45.6630, 62.2298**.

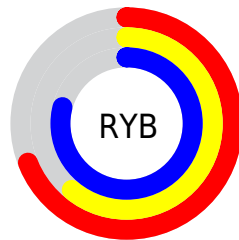
Distribution



Red (69%)

Green (61%)

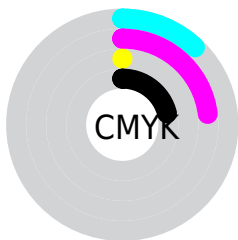
Blue (79%)



Red (69%)

Yellow (61%)

Blue (79%)

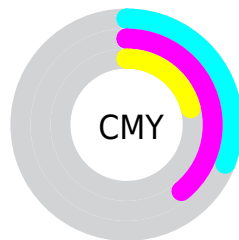


Cyan (12%)

Magenta (23%)

Yellow (0%)

Black (21%)



Cyan (31%)

Magenta (39%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5135, 37.0541, 60.8940 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 40.5135, 37.0541, 60.8940 by changing the saturation by 10% instead.

■ 40.5135, 37.0541,
60.8940

■ 40.5135, 37.0541,
60.8940

339.3806,
333.5447, 445.7810

■ 28.1251, 25.2494,
43.7096

■ 75.2242, 70.6560,
107.6815

■ 18.5609, 16.2630,
30.1068

■ 98.2772, 93.2219,
138.1217

■ 11.4556, 9.7104,
19.6669

125.6159,
120.1438, 173.8175

■ 6.4437, 5.2074,
11.9715

157.6055,
151.8058, 215.1876

■ 3.1599, 2.3694,
6.6020

194.6114,
188.5926, 262.6505

■ 1.2389, 0.8101,
3.1398

236.9990,

■ 0.1367, 0.0000,

230.8884, 316.6246

1.1665

285.1336,
279.0776, 377.5286

■ 0.0000, 0.0000,
0.0000

■ 40.5135, 37.0541,
60.8940

■ 40.5135, 37.0541,
60.8940

■ 35.0772, 29.6723,
59.7563

■ 46.7072, 45.6630,
62.2298

■ 30.3624, 23.4549,
58.8047

■ 53.6852, 55.5486,
63.7702

■ 26.3355, 18.3403,
58.0297

■ 61.4770, 66.7634,
65.5242

■ 22.9582, 14.2592,
57.4200

■ 70.1097, 79.3554,
67.4997

■ 20.1881, 11.1344,
56.9628

■ 79.2877, 92.7279,
69.5971

■ 17.9771, 8.8769,
56.6436

■ 82.8578, 94.5683,
69.7642

■ 16.2679, 7.3802,
56.4448

■ 86.6444, 96.5203,
69.9414

■ 15.3335, 6.6732,
56.3576

■ 87.6608, 97.0443,
69.9889

Harmonies

Analogous

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



36.4991, 37.0541, 67.4951



40.5135, 37.0541, 60.8940



43.2419, 37.0541, 49.0978

Triad

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



40.5135, 37.0541, 60.8940



38.1552, 37.0541, 22.4894



27.8880, 37.0541, 44.0782

Complementary

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



40.5135, 37.0541, 60.8940



45.8606, 54.3119, 39.0782

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.



28.2550, 37.0541, 32.7007



40.5135, 37.0541, 60.8940



33.9688, 37.0541, 21.6714

Square

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



40.5135, 37.0541, 60.8940



41.8075, 37.0541, 27.5432



30.4068, 37.0541, 25.0337



29.3615, 37.0541, 56.6037

Rectangle

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



40.5135, 37.0541, 60.8940



43.8484, 37.0541, 40.7114



30.4068, 37.0541, 25.0337



27.8029, 37.0541, 39.9821

Sweetspot

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



40.5147, 37.0556, 60.8948



86.2103, 87.3787, 106.9298



40.5143, 43.9037, 62.2166



18.2963, 18.4810, 22.8528



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.



40.5147, 37.0556, 60.8948



63.7288, 56.0898, 102.0753



46.3184, 40.0476, 61.1664



11.0926, 11.0971, 14.1277



9.9678, 4.3461, 36.2698



0.6016, 0.2692, 1.8752

Inverse Universe

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



44.3179, 39.2961, 48.4308



71.4261, 60.6264, 76.7498



40.8585, 51.7332, 38.8441



11.4575, 11.3117, 12.9440



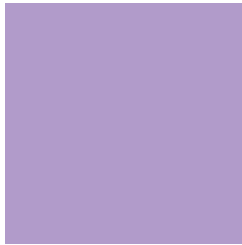
17.4419, 8.7874, 10.0458



0.9380, 0.4686, 0.7191

Previews

White Background



This preview shows how the XYZ color 40.5135, 37.0541, 60.8940 looks on a white background.

Color Contrast Check

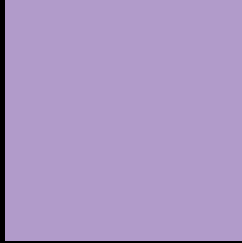
Large Text (above 18pt) WCAG AA × Fail

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 40.5135, 37.0541, 60.8940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

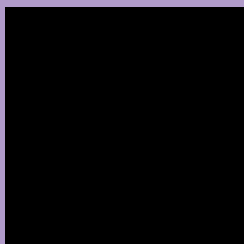
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5135, 37.0541, 60.8940

Background



This preview shows how black text looks on a background with the XYZ color 40.5135, 37.0541, 60.8940.



This preview shows how white text looks on a background with the XYZ color 40.5135, 37.0541,

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

40.5135, 37.0541, 60.8940

Protanopia

37.3197, 37.1180, 64.2290

Deuteranopia

37.9854, 37.2839, 60.4528



Tritanopia

37.1269, 36.9294, 44.7065

Trichromacy



Original Color

40.5135, 37.0541, 60.8940

Protanomaly

38.3179, 36.8854, 62.8576

Deuteranomaly

38.8771, 37.2288, 60.3952

Tritanomaly

38.3341, 36.9131, 50.4519

Monochromacy



Original Color

40.5135, 37.0541, 60.8940

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.1300, 38.1476, 48.5336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5135, 37.0541, 60.8940 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(177, 155, 202)` looks like.

```
.text, #text, p{  
    color:rgb(177, 155, 202)  
}
```

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(177, 155, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 155, 202) }
```

Border

The CSS property to change the border of an element to XYZ 40.5135, 37.0541, 60.8940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

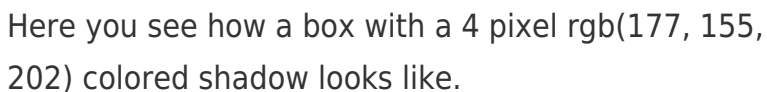
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 155, 202) }
```


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

```
.border{ border-color:rgb(177, 155, 202) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 155, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 155, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 155, 202); box-shadow:4px 4px 4px 4px rgb(177, 155, 202) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5135, 37.0541, 60.8940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 155, 202) }
```

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

```
.background{ background-color: rgb(177,  
155, 202) }
```

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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