

Converting Colors

XYZ(40.1235, 40.7494, 49.6757)

Have a look what the booklet for
XYZ(40.1235, 40.7494, 49.6757)
contains.

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Color

**XYZ(40.2077, 40.8261,
49.4771)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA9B5
RGB	175, 169, 181
RGB Percent	69%, 66%, 71%
CMY	0.3137, 0.3372, 0.2902
CMYK	0.03, 0.07, 0.00, 0.29
HSL	270°, 7%, 69%
HSV	270°, 7%, 71%
XYZ	40.2077, 40.8261, 49.4771
YIQ	172.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

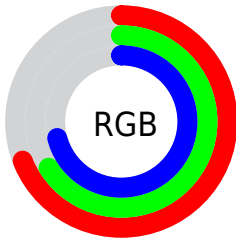
Format	Color
RYB	175, 169, 181
Decimal	11512245
CIELab	70.05, 4.42, -5.39
CIELCh	70, 6.972, 309.343
Yxy	40.8261, 0.3081, 0.3128
Android (android.graphics.Color)	4289702325 (0xFFAFA9B5)
YUV	172.1620, 4.3571, 2.4889
Hunter-Lab	63.8953, 0.5088, -1.1843

Details

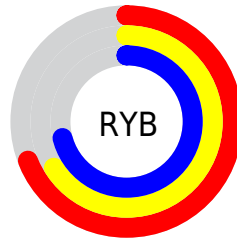
The XYZ color **40.2077, 40.8261, 49.4771** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3659, 45.0273, 44.0491**, and the grayscale version is **39.2744, 41.3198, 44.9972**.

A 20% lighter version of the original color is **74.8967, 76.4147, 90.9228**, and **18.4260, 18.4920, 23.0202** is the 20% darker color. If you saturate the color by 10%, you get **35.1072, 33.5402, 48.3402**, and if you desaturate by 10%, it is **45.9130, 49.1180, 50.7775**.

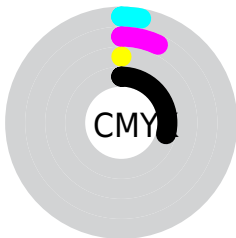
Distribution



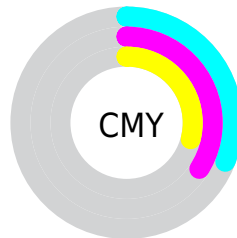
- Red (69%)
- Green (66%)
- Blue (71%)



- Red (69%)
- Yellow (66%)
- Blue (71%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (29%)



- Cyan (31%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2077, 40.8261, 49.4771 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 40.2077, 40.8261, 49.4771 by changing the saturation by 10% instead.

■ 40.2077, 40.8261,
49.4771

■ 40.2077, 40.8261,
49.4771

338.1176,
349.5933, 401.2939

■ 27.8855, 28.1832,
34.6298

■ 74.7620, 76.4198,
90.7880

■ 18.3793, 18.4638,
23.0966

■ 97.7248, 100.1395,
118.0886

■ 11.3240, 11.2835,
14.4589

124.9651,
128.3202, 150.3775

■ 6.3541, 6.2579,
8.2981

156.8484,
161.3463, 188.0731

■ 3.1043, 3.0025,
4.1958

193.7399,
199.6023, 231.5940

■ 1.2091, 1.1330,
1.7334

236.0051,

■ 0.1136, 0.0060,

243.4726, 281.3587

0.3834

284.0092,
293.3414, 337.7859

■ 0.0000, 0.0000,
0.0000

■ 40.2077, 40.8261,
49.4771

■ 40.2077, 40.8261,
49.4771

■ 35.1072, 33.5402,
48.3402

■ 45.9130, 49.1180,
50.7775

■ 30.5861, 27.2155,
47.3577

■ 52.2399, 58.4479,
52.2449

■ 26.6226, 21.8119,
46.5236

■ 59.2092, 68.8528,
53.8859

■ 23.1920, 17.2839,
45.8304

■ 66.8394, 80.3662,
55.7061

■ 20.2675, 13.5824,
45.2701

■ 73.6945, 90.1124,
57.2260

■ 17.8197, 10.6531,
44.8337

■ 76.5131, 91.5655,
57.3579

■ 15.8158, 8.4350,
44.5112

■ 79.4825, 93.0963,
57.4969

■ 14.2179, 6.8572,
44.2909

■ 82.6047, 94.7058,
57.6430

■ 12.9756, 5.8240,
44.1569

■ 85.3406, 96.1162,
57.7710

Harmonies

Analogous

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



39.1603, 40.8261, 50.9270



40.2077, 40.8261, 49.4771



40.8876, 40.8261, 46.7001

Triad

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



40.2077, 40.8261, 49.4771



39.5810, 40.8261, 38.8432



36.6848, 40.8261, 45.4778

Complementary

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



40.2077, 40.8261, 49.4771



41.3659, 45.0273, 44.0491

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.



36.7924, 40.8261, 42.2785



40.2077, 40.8261, 49.4771



38.4499, 40.8261, 38.5517

Square

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



40.2077, 40.8261, 49.4771



40.5208, 40.8261, 40.5972



37.4333, 40.8261, 39.7805



37.1363, 40.8261, 48.5448

Rectangle

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



40.2077, 40.8261, 49.4771



41.0332, 40.8261, 44.5246



37.4333, 40.8261, 39.7805



36.6570, 40.8261, 44.3809

Sweetspot

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



40.2089, 40.8278, 49.4780



76.5700, 79.7158, 89.6456



40.0731, 42.5106, 49.8099



16.5734, 17.2641, 19.3810



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.2089, 40.8278, 49.4780



70.5687, 71.0428, 88.2879



41.5388, 41.5134, 49.5402



8.4332, 8.4318, 10.6894



8.7691, 3.8564, 30.4192



0.3432, 0.1560, 0.9603

Inverse Universe

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



40.9833, 41.2966, 46.3703



72.2622, 72.0680, 81.4918



40.0919, 44.3705, 43.9894



8.6677, 8.5738, 9.7484



14.4593, 7.3013, 7.5786



0.4844, 0.2415, 0.3935

Previews

White Background



This preview shows how the XYZ color 40.2077, 40.8261, 49.4771 looks on a white background.

Color Contrast Check

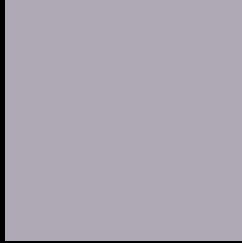
Large Text (above 18pt) WCAG AA × Fail

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 40.2077, 40.8261, 49.4771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

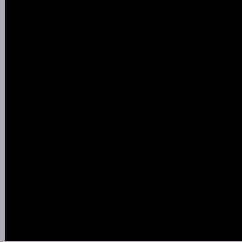
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2077, 40.8261, 49.4771

Background



This preview shows how black text looks on a background with the XYZ color 40.2077, 40.8261, 49.4771.

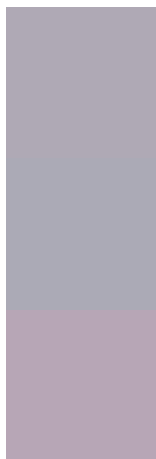


This preview shows how white text looks on a background with the XYZ color 40.2077, 40.8261,

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

40.2077, 40.8261, 49.4771

Protanopia

39.6128, 40.7848, 50.0404

Deuteranopia

41.6082, 40.7171, 49.9222



Tritanopia

40.3107, 40.8673, 50.0195

Trichromacy



Original Color

40.2077, 40.8261, 49.4771

Protanomaly

39.8315, 40.8975, 50.0506

Deuteranomaly

41.0846, 40.7181, 49.9500

Tritanomaly

40.3107, 40.8673, 50.0195

Monochromacy



Original Color

40.2077, 40.8261, 49.4771

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.5344, 41.1052, 46.4079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2077, 40.8261, 49.4771 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(175, 169, 181)` looks like.

```
.text, #text, p{  
    color:rgb(175, 169, 181)  
}
```

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(175, 169, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 169, 181) }
```

Border

The CSS property to change the border of an element to XYZ 40.2077, 40.8261, 49.4771 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(175, 169, 181) }
```


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

```
.border{ border-color:rgb(175, 169, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 169, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 169, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 169, 181);  
box-shadow:4px 4px 4px 4px rgb(175, 169,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2077, 40.8261, 49.4771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 169, 181) }
```

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

```
.background{ background-color: rgb(175,  
169, 181) }
```

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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