

Converting Colors

XYZ(40.0043, 40.0671, 50.1455)

Have a look what the booklet for
XYZ(40.0043, 40.0671, 50.1455)
contains.

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Color

**XYZ(39.9414, 40.1288,
49.8965)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA7B6
RGB	175, 167, 182
RGB Percent	69%, 65%, 71%
CMY	0.3137, 0.3451, 0.2863
CMYK	0.04, 0.08, 0.00, 0.29
HSL	272°, 9%, 68%
HSV	272°, 8%, 71%
XYZ	39.9414, 40.1288, 49.8965
YIQ	171.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

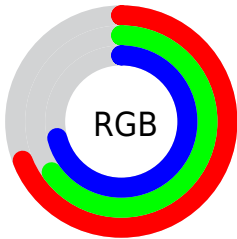
Format	Color
RYB	175, 167, 182
Decimal	11511734
CIELab	69.56, 5.71, -6.67
CIELCh	70, 8.786, 310.563
Yxy	40.1288, 0.3073, 0.3088
Android (android.graphics.Color)	4289701814 (0xFFAFA7B6)
YUV	171.1020, 5.3727, 3.4185
Hunter-Lab	63.3473, 1.6891, -2.3576

Details

The XYZ color **39.9414, 40.1288, 49.8965** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1601, 45.2457, 43.1252**, and the grayscale version is **38.7348, 40.7520, 44.3789**.

A 20% lighter version of the original color is **74.5089, 75.4045, 91.5164**, and **18.2616, 18.0574, 23.2918** is the 20% darker color. If you saturate the color by 10%, you get **34.9923, 32.9722, 48.7766**, and if you desaturate by 10%, it is **45.4821, 48.2892, 51.1802**.

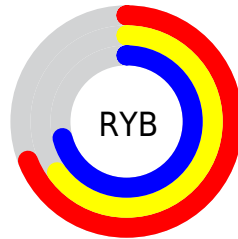
Distribution



Red (69%)

Green (65%)

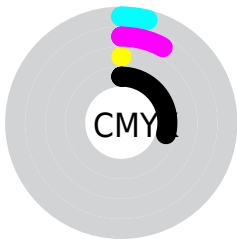
Blue (71%)



Red (69%)

Yellow (65%)

Blue (71%)

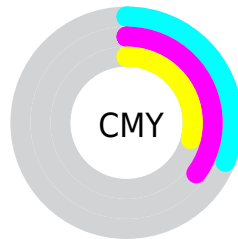


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9414, 40.1288, 49.8965 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 39.9414, 40.1288, 49.8965 by changing the saturation by 10% instead.

■ 39.9414, 40.1288,
49.8965

■ 39.9414, 40.1288,
49.8965

337.0152,
346.6661, 402.9845

■ 27.6769, 27.6390,
34.9606

■ 74.3592, 75.3596,
91.4162

■ 18.2214, 18.0537,
23.3492

■ 97.2431, 98.8694,
118.8371

■ 11.2097, 10.9885,
14.6438

124.3976,
126.8213, 151.2567

■ 6.2764, 6.0591,
8.4260

156.1880,
159.5997, 189.0936

■ 3.0561, 2.8811,
4.2770

192.9795,
197.5889, 232.7663

■ 1.1835, 1.0700,
1.7785

235.1377,

■ 0.0933, 0.0000,

241.1735, 282.6933

0.4137

283.0278,
290.7378, 339.2932

■ 0.0000, 0.0000,
0.0000

■ 39.9414, 40.1288,
49.8965

■ 39.9414, 40.1288,
49.8965

■ 34.9923, 32.9722,
48.7766

■ 45.4821, 48.2892,
51.1802

■ 30.6096, 26.7741,
47.8112

■ 51.6312, 57.4859,
52.6313

■ 26.7713, 21.4933,
46.9942

■ 58.4095, 67.7566,
54.2564

■ 23.4525, 17.0837,
46.3180

■ 65.8355, 79.1353,
56.0614

■ 20.6265, 13.4949,
45.7742

■ 72.9607, 89.7223,
57.7293

■ 18.2634, 10.6712,
45.3538

■ 75.5587, 91.0616,
57.8509

■ 16.3300, 8.5497,
45.0462

■ 78.2887, 92.4689,
57.9787

■ 14.7876, 7.0571,
44.8394

■ 81.1525, 93.9453,
58.1127

■ 13.5745, 6.0741,
44.7136

■ 84.1520, 95.4916,
58.2531

Harmonies

Analogous

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



38.6431, 40.1288, 51.8259



39.9414, 40.1288, 49.8965



40.7699, 40.1288, 46.3431

Triad

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



39.9414, 40.1288, 49.8965



39.0555, 40.1288, 36.7374



35.5238, 40.1288, 45.1402

Complementary

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



39.9414, 40.1288, 49.8965



41.1601, 45.2457, 43.1252

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.



35.6280, 40.1288, 41.1467



39.9414, 40.1288, 49.8965



37.6437, 40.1288, 36.4596

Square

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



39.9414, 40.1288, 49.8965



40.2497, 40.1288, 38.8110



36.3960, 40.1288, 38.0270



36.1076, 40.1288, 48.9691

Rectangle

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



39.9414, 40.1288, 49.8965



40.9324, 40.1288, 43.6168



36.3960, 40.1288, 38.0270



35.4799, 40.1288, 43.7702

Sweetspot

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



39.9426, 40.1305, 49.8974



78.5192, 81.7171, 91.8703



39.5658, 41.9632, 50.2710



17.3662, 18.0838, 20.2968



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.9426, 40.1305, 49.8974



70.6012, 70.1127, 90.0477



41.5290, 40.9513, 49.8369



8.9660, 8.9489, 11.3342



9.5252, 4.2216, 31.5659



0.4065, 0.1853, 1.1161

Inverse Universe

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



40.7516, 40.6403, 45.7431



72.4020, 71.2472, 80.8161



39.6640, 44.4718, 43.1759



9.1744, 9.0801, 10.2655



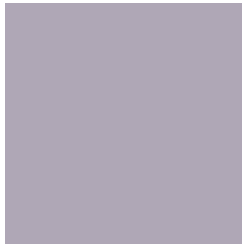
14.8129, 7.4989, 6.9014



0.5535, 0.2769, 0.4082

Previews

White Background



This preview shows how the XYZ color 39.9414, 40.1288, 49.8965 looks on a white background.

Color Contrast Check

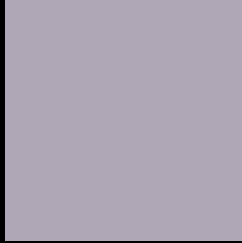
Large Text (above 18pt) WCAG AA × Fail

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 39.9414, 40.1288, 49.8965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

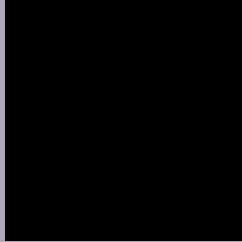
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9414, 40.1288, 49.8965

Background



This preview shows how black text looks on a background with the XYZ color 39.9414, 40.1288, 49.8965.



This preview shows how white text looks on a background with the XYZ color 39.9414, 40.1288,

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

39.9414, 40.1288, 49.8965

Protanopia

39.0974, 40.2298, 50.5042

Deuteranopia

40.9547, 40.1114, 49.8397



Tritanopia

39.7361, 40.0467, 48.8155

Trichromacy



Original Color

39.9414, 40.1288, 49.8965

Protanomaly

39.3445, 40.0821, 50.4627

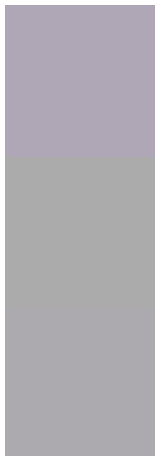
Deuteranomaly

40.6701, 40.2335, 49.8783

Tritanomaly

39.8384, 40.0876, 49.3540

Monochromacy



Original Color

39.9414, 40.1288, 49.8965

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.1258, 40.6153, 46.3348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9414, 40.1288, 49.8965 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, 167, 182) looks like.

```
.text, #text, p{  
    color:rgb(175, 167, 182)  
}
```

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, 167, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 167, 182) }
```

Border

The CSS property to change the border of an element to XYZ 39.9414, 40.1288, 49.8965 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, 167, 182) }
```


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

```
.border{ border-color:rgb(175, 167, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 167, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 167, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 167, 182);  
box-shadow:4px 4px 4px 4px rgb(175, 167,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9414, 40.1288, 49.8965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 167, 182) }
```

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

```
.background{ background-color: rgb(175,  
167, 182) }
```

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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