

Converting Colors

XYZ(39.6485, 39.9786, 51.0231)

Have a look what the booklet for
XYZ(39.6485, 39.9786, 51.0231)
contains.

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Color

**XYZ(39.7040, 39.9824,
50.9721)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA7B8
RGB	173, 167, 184
RGB Percent	68%, 65%, 72%
CMY	0.3216, 0.3451, 0.2784
CMYK	0.06, 0.09, 0.00, 0.28
HSL	261°, 11%, 69%
HSV	261°, 9%, 72%
XYZ	39.7040, 39.9824, 50.9721
YIQ	170.7320, -1.8810, 6.5590

Conversions

Conversions Part 2

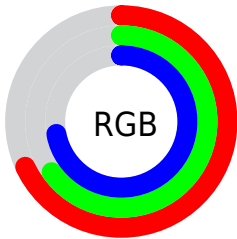
Format	Color
R _Y B	173, 167, 184
Decimal	11380664
CIE Lab	69.46, 5.42, -7.95
CIE LCh	69, 9.625, 304.265
Yxy	39.9824, 0.3039, 0.3060
Android (android.graphics.Color)	4289570744 (0xFFADA7B8)
YUV	170.7320, 6.5411, 1.9890
Hunter-Lab	63.2316, 1.4272, -3.5325

Details

The XYZ color **39.7040, 39.9824, 50.9721** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4772, 46.5370, 43.3050**, and the grayscale version is **38.5442, 40.5515, 44.1606**.

A 20% lighter version of the original color is **73.8444, 75.0278, 93.0279**, and **18.1126, 17.9651, 23.9857** is the 20% darker color. If you saturate the color by 10%, you get **34.0535, 32.4173, 49.8103**, and if you desaturate by 10%, it is **46.0712, 48.6311, 52.3065**.

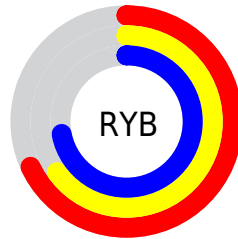
Distribution



Red (68%)

Green (65%)

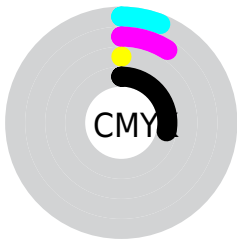
Blue (72%)



Red (68%)

Yellow (65%)

Blue (72%)

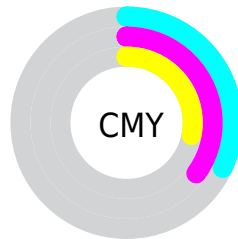


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7040, 39.9824, 50.9721 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 39.7040, 39.9824, 50.9721 by changing the saturation by 10% instead.

■ 39.7040, 39.9824,
50.9721

■ 39.7040, 39.9824,
50.9721

336.0303,
346.0494, 407.2988

■ 27.4910, 27.5248,
35.8098

■ 73.9998, 75.1367,
93.0246

■ 18.0808, 17.9678,
23.9988

■ 96.8133, 98.6022,
120.7519

■ 11.1081, 10.9269,
15.1206

123.8910,
126.5059, 153.5047

■ 6.2074, 6.0177,
8.7565

155.5983,
159.2320, 191.7014

■ 3.0135, 2.8558,
4.4880

192.3005,
197.1650, 235.7606

■ 1.1609, 1.0569,
1.8967

234.3630,

■ 0.0751, 0.0000,

240.6893, 286.1009

0.4906

282.1511,
290.1893, 343.1408

■ 0.0000, 0.0000,
0.0000

■ 39.7040, 39.9824,
50.9721

■ 39.7040, 39.9824,
50.9721

■ 34.0535, 32.4173,
49.8103

■ 46.0712, 48.6311,
52.3065

■ 29.0899, 25.8873,
48.8115

■ 53.1764, 58.3992,
53.8174

■ 24.7864, 20.3477,
47.9691

■ 61.0443, 69.3273,
55.5121

■ 21.1132, 15.7483,
47.2749

■ 69.6975, 81.4522,
57.3964

■ 18.0377, 12.0348,
46.7202

■ 77.8666, 92.2273,
59.0456

■ 15.5244, 9.1467,
46.2952

■ 81.8762, 94.2943,
59.2333

■ 13.5335, 7.0159,
45.9889

■ 85.6518, 96.2407,
59.4099

■ 12.0189, 5.5628,
45.7882

■ 10.9023, 4.6435,
45.6696

Harmonies

Analogous

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



38.2240, 39.9824, 52.6078



39.7040, 39.9824, 50.9721



40.7491, 39.9824, 47.3445

Triad

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



39.7040, 39.9824, 50.9721



39.3103, 39.9824, 36.2924



35.1082, 39.9824, 44.1715

Complementary

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



39.7040, 39.9824, 50.9721



42.4772, 46.5370, 43.3050

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.



35.3814, 39.9824, 39.9337



39.7040, 39.9824, 50.9721



37.7810, 39.9824, 35.5686

Square

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



39.7040, 39.9824, 50.9721



40.5175, 39.9824, 38.9053



36.3495, 39.9824, 36.8572



35.5930, 39.9824, 48.5160

Rectangle

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



39.7040, 39.9824, 50.9721



41.0437, 39.9824, 44.3922



36.3495, 39.9824, 36.8572



35.1145, 39.9824, 42.6870

Sweetspot

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



39.7052, 39.9841, 50.9730



78.9599, 81.9437, 93.8597



40.5199, 43.5382, 51.6161



16.8204, 17.3911, 20.1919



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.



39.7052, 39.9841, 50.9730



69.8811, 69.6599, 91.9672



41.6334, 40.9782, 51.0632



8.8121, 8.8695, 11.3270



7.5318, 3.1940, 31.4726



0.3341, 0.1479, 1.1127

Inverse Universe

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



41.6232, 41.0440, 47.8501



74.0503, 71.9645, 85.1432



40.5974, 45.5680, 43.2171



9.2427, 9.1075, 10.6256



15.9561, 7.9562, 12.9214



0.5907, 0.2918, 0.6040

Previews

White Background



This preview shows how the XYZ color 39.7040, 39.9824, 50.9721 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 39.7040, 39.9824, 50.9721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

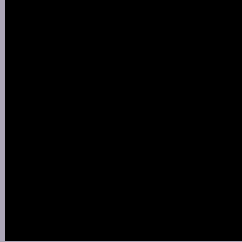
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7040, 39.9824, 50.9721

Background



This preview shows how black text looks on a background with the XYZ color 39.7040, 39.9824, 50.9721.



This preview shows how white text looks on a background with the XYZ color 39.7040, 39.9824,

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

39.7040, 39.9824, 50.9721

Protanopia

38.9080, 39.8329, 51.5368

Deuteranopia

40.6973, 39.9547, 50.9144



Tritanopia

39.3564, 40.1121, 49.3842

Trichromacy



Original Color

39.7040, 39.9824, 50.9721

Protanomaly

39.3372, 40.0541, 51.5569

Deuteranomaly

40.4194, 40.0802, 50.9533

Tritanomaly

39.4594, 40.1533, 49.9266

Monochromacy



Original Color

39.7040, 39.9824, 50.9721

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2245, 40.6547, 46.8541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7040, 39.9824, 50.9721 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(173, 167, 184)` looks like.

```
.text, #text, p{  
    color:rgb(173, 167, 184)  
}
```

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(173, 167, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 167, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.7040, 39.9824, 50.9721 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(173, 167, 184) }
```


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

```
.border{ border-color:rgb(173, 167, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 167, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 167, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 167, 184);  
box-shadow:4px 4px 4px 4px rgb(173, 167,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7040, 39.9824, 50.9721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 167, 184) }
```

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

```
.background{ background-color: rgb(173,  
167, 184) }
```

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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