

Converting Colors

XYZ(40.0639, 39.9764, 59.6375)

Have a look what the booklet for
XYZ(40.0639, 39.9764, 59.6375)
contains.

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Color

**XYZ(40.0639, 39.9764,
59.6375)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A7C7
RGB	167, 167, 199
RGB Percent	65%, 65%, 78%
CMY	0.3451, 0.3451, 0.2196
CMYK	0.16, 0.16, 0.00, 0.22
HSL	240°, 22%, 72%
HSV	240°, 16%, 78%
XYZ	40.0639, 39.9764, 59.6375
YIQ	170.6480, -10.2720, 9.9520

Conversions

Conversions Part 2

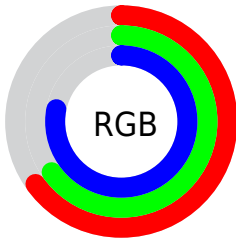
Format	Color
R_{YB}	167, 167, 199
Decimal	10987463
CIE _{Lab}	69.45, 6.56, -16.31
CIE _{LCh}	69, 17.577, 291.925
Yxy	39.9764, 0.2868, 0.2862
Android (android.graphics.Color)	4289177543 (0xFFA7A7C7)
YUV	170.6480, 13.9775, -3.1993
Hunter-Lab	63.2269, 2.4600, -11.6653

Details

The XYZ color **40.0639, 39.9764, 59.6375** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.9521, 55.7791, 44.6413**, and the grayscale version is **38.4691, 40.4725, 44.0745**.

A 20% lighter version of the original color is **74.2955, 74.9921, 105.1669**, and **18.3118, 17.9506, 29.2877** is the 20% darker color. If you saturate the color by 10%, you get **32.8098, 31.2360, 58.3334**, and if you desaturate by 10%, it is **48.5283, 50.1755, 61.1606**.

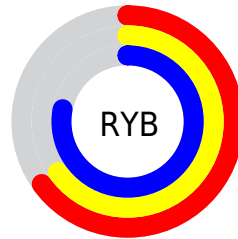
Distribution



Red (65%)

Green (65%)

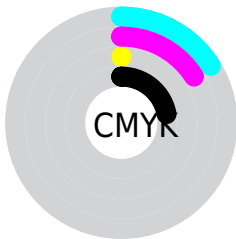
Blue (78%)



Red (65%)

Yellow (65%)

Blue (78%)

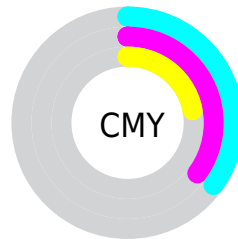


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (22%)



Cyan (35%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0639, 39.9764, 59.6375 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 40.0639, 39.9764, 59.6375 by changing the saturation by 10% instead.

■ 40.0639, 39.9764,
59.6375

■ 40.0639, 39.9764,
59.6375

337.5226,
346.0241, 441.0278

■ 27.7728, 27.5201,
42.7031

■ 74.5445, 75.1276,
105.8419

■ 18.2940, 17.9643,
29.3226

■ 97.4648, 98.5913,
135.9489

■ 11.2623, 10.9243,
19.0773

124.6588,
126.4929, 171.2840

■ 6.3121, 6.0160,
11.5488

156.4919,
159.2169, 212.2655

■ 3.0782, 2.8548,
6.3184

193.3295,
197.1476, 259.3122

■ 1.1953, 1.0564,
2.9678

235.5369,

■ 0.1026, 0.0000,

240.6695, 312.8424

1.0782

283.4795,
290.1668, 373.2748

■ 0.0000, 0.0000,
0.0000

■ 40.0639, 39.9764,
59.6375

■ 40.0639, 39.9764,
59.6375

■ 32.8098, 31.2360,
58.3334

■ 48.5283, 50.1755,
61.1606

■ 26.7073, 23.8829,
57.2357

■ 58.2508, 61.8904,
62.9094

■ 21.6983, 17.8474,
56.3348

■ 69.2812, 75.1811,
64.8934

■ 17.7182, 13.0516,
55.6189

■ 81.6655, 90.1032,
67.1209

■ 14.6957, 9.4096,
55.0752

■ 87.3089, 96.9036,
68.1361

■ 12.5501, 6.8243,
54.6893

■ 11.1881, 5.1830,
54.4443

■ 10.4914, 4.3434,
54.3189

■ 10.3090, 4.1238,
54.2861

Harmonies

Analogous

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



37.2374, 39.9764, 60.8450



40.0639, 39.9764, 59.6375



42.4413, 39.9764, 53.8586

Triad

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



40.0639, 39.9764, 59.6375



41.4505, 39.9764, 32.3797



32.8612, 39.9764, 41.3758

Complementary

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



40.0639, 39.9764, 59.6375



50.9521, 55.7791, 44.6413

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.



33.8732, 39.9764, 34.6100



40.0639, 39.9764, 59.6375



38.7655, 39.9764, 29.8536

Square

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



40.0639, 39.9764, 59.6375



43.2691, 39.9764, 37.9658



36.0012, 39.9764, 30.6162



33.1704, 39.9764, 49.6075

Rectangle

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



40.0639, 39.9764, 59.6375



43.4056, 39.9764, 48.5419



36.0012, 39.9764, 30.6162



33.0563, 39.9764, 38.8709

Sweetspot

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



40.0651, 39.9781, 59.6384



86.5806, 89.7950, 107.3766



46.6076, 53.1619, 61.5142



18.2869, 18.9247, 22.9390



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.



40.0651, 39.9781, 59.6384



65.8610, 64.8295, 103.6498



43.5303, 41.7640, 59.8005



10.0568, 10.2876, 13.3731



6.6289, 2.6517, 34.9068



0.3139, 0.1256, 1.6528

Inverse Universe

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



44.3480, 42.5707, 42.4405



74.6517, 70.1510, 68.3507



47.0549, 53.7705, 44.4590



10.6339, 10.6370, 11.0555



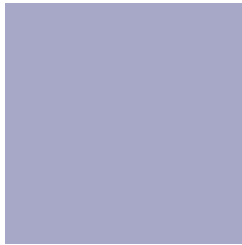
15.1453, 7.8077, 0.7090



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 40.0639, 39.9764, 59.6375 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 40.0639, 39.9764, 59.6375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

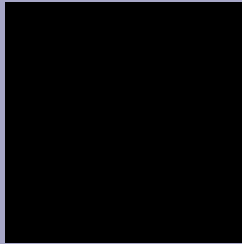
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0639, 39.9764, 59.6375

Background



This preview shows how black text looks on a background with the XYZ color 40.0639, 39.9764, 59.6375.



This preview shows how white text looks on a background with the XYZ color 40.0639, 39.9764,

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

40.0639, 39.9764, 59.6375

Protanopia

39.5322, 39.9619, 60.2734

Deuteranopia

40.9583, 40.1666, 59.6270



Tritanopia

38.2318, 40.0609, 50.5172

Trichromacy



Original Color

40.0639, 39.9764, 59.6375

Protanomaly

39.7378, 40.0679, 60.2831

Deuteranomaly

40.5226, 39.9420, 59.6066

Tritanomaly

38.8903, 40.0494, 53.8247

Monochromacy



Original Color

40.0639, 39.9764, 59.6375

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2928, 40.6317, 49.4878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0639, 39.9764, 59.6375 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(167, 167, 199)` looks like.

```
.text, #text, p{  
    color:rgb(167, 167, 199)  
}
```

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(167, 167, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 167, 199) }
```

Border

The CSS property to change the border of an element to XYZ 40.0639, 39.9764, 59.6375 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(167, 167, 199) }
```


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

```
.border{ border-color:rgb(167, 167, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 167, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 167, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 167, 199);  
box-shadow:4px 4px 4px 4px rgb(167, 167,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0639, 39.9764, 59.6375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 167, 199) }
```

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

```
.background{ background-color: rgb(167,  
167, 199) }
```

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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