

Converting Colors

XYZ(39.3648, 38.7552, 61.9057)

Have a look what the booklet for
XYZ(39.3648, 38.7552, 61.9057)
contains.

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Color

**XYZ(39.3648, 38.7552,
61.9057)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A4CB
RGB	164, 164, 203
RGB Percent	64%, 64%, 80%
CMY	0.3569, 0.3568, 0.2039
CMYK	0.19, 0.19, 0.00, 0.20
HSL	240°, 27%, 72%
HSV	240°, 19%, 80%
XYZ	39.3648, 38.7552, 61.9057
YIQ	168.4460, -12.5190, 12.1290

Conversions

Conversions Part 2

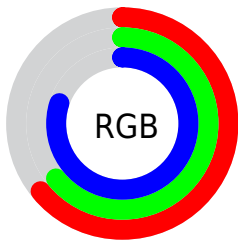
Format	Color
RYB	164, 164, 203
Decimal	10790091
CIELab	68.57, 8.16, -19.87
CIElCh	69, 21.480, 292.325
Yxy	38.7552, 0.2811, 0.2768
Android (android.graphics.Color)	4288980171 (0xFFA4A4CB)
YUV	168.4460, 17.0351, -3.8991
Hunter-Lab	62.2537, 3.9268, -15.3810

Details

The XYZ color **39.3648, 38.7552, 61.9057** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.6858, 58.0888, 43.5585**, and the grayscale version is **37.3629, 39.3086, 42.8071**.

A 20% lighter version of the original color is **72.5949, 72.9431, 104.8610**, and **17.9011, 17.2030, 30.8108** is the 20% darker color. If you saturate the color by 10%, you get **32.1578, 30.0713, 60.6100**, and if you desaturate by 10%, it is **47.8228, 48.9466, 63.4277**.

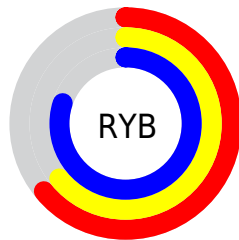
Distribution



Red (64%)

Green (64%)

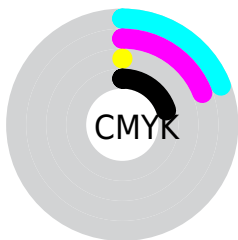
Blue (80%)



Red (64%)

Yellow (64%)

Blue (80%)

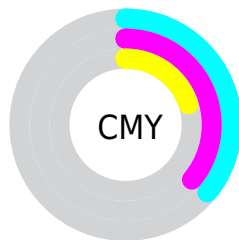


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (36%)

Magenta (36%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3648, 38.7552, 61.9057 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 39.3648, 38.7552, 61.9057 by changing the saturation by 10% instead.

■ 39.3648, 38.7552,
61.9057

■ 39.3648, 38.7552,
61.9057

334.6195,
340.8486, 449.5852

■ 27.2256, 26.5693,
44.5212

■ 73.4858, 73.2642,
109.1595

■ 17.8802, 17.2501,
30.7403

■ 96.1983, 96.3561,
139.8659

■ 10.9632, 10.4129,
20.1443

123.1660,
123.8522, 175.8500

■ 6.1092, 5.6736,
12.3149

154.7542,
156.1368, 217.5304

■ 2.9529, 2.6476,
6.8334

191.3284,
193.5944, 265.3255

■ 1.1289, 0.9507,
3.2813

233.2537,

■ 0.0491, 0.0000,

236.6093, 319.6540

1.2400

280.8956,
285.5659, 380.9344

■ 0.0000, 0.0000,
0.0118

■ 0.0000, 0.0000,
0.0000

■ 39.3648, 38.7552,
61.9057

■ 39.3648, 38.7552,
61.9057

■ 32.1578, 30.0713,
60.6100

■ 47.8228, 48.9466,
63.4277

■ 26.1389, 22.8190,
59.5274

■ 57.5833, 60.7072,
65.1833

■ 21.2456, 16.9229,
58.6473

■ 68.6993, 74.1011,
67.1827

■ 17.4079, 12.2987,
57.9570

■ 81.2199, 89.1875,
69.4347

■ 14.5481, 8.8529,
57.4426

■ 87.7796, 97.0918,
70.6147

■ 12.5781, 6.4790,
57.0882

■ 11.3935, 5.0516,
56.8751

■ 10.8171, 4.3571,
56.7715

■ 10.7797, 4.3120,
56.7647

Harmonies

Analogous

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



35.9728, 38.7552, 63.5082



39.3648, 38.7552, 61.9057



42.2334, 38.7552, 54.6523

Triad

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



39.3648, 38.7552, 61.9057



40.9604, 38.7552, 29.0921



30.7521, 38.7552, 39.7558

Complementary

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



39.3648, 38.7552, 61.9057



52.6858, 58.0888, 43.5585

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.



31.9186, 38.7552, 31.7956



39.3648, 38.7552, 61.9057



37.7122, 38.7552, 26.2834

Square

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



39.3648, 38.7552, 61.9057



43.1933, 38.7552, 35.5032



34.4172, 38.7552, 27.1913



31.1346, 38.7552, 49.6851

Rectangle

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



39.3648, 38.7552, 61.9057



43.3945, 38.7552, 48.1169



34.4172, 38.7552, 27.1913



30.9734, 38.7552, 36.7852

Sweetspot

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



39.3660, 38.7568, 61.9066



84.9554, 87.8368, 107.0843



47.3688, 54.8860, 64.1928



17.9594, 18.5301, 22.8801



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.



39.3660, 38.7568, 61.9066



60.7255, 58.6416, 102.7261



43.5487, 40.9127, 62.1023



10.6018, 10.8441, 14.1047



6.8601, 2.7441, 36.1244



0.3539, 0.1416, 1.8636

Inverse Universe

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



44.6059, 41.9288, 40.8657



71.0629, 64.8995, 61.2163



47.8607, 55.6019, 43.3327



11.2124, 11.2137, 11.6530



15.6736, 8.0800, 0.7337



0.8086, 0.4168, 0.0379

Previews

White Background



This preview shows how the XYZ color 39.3648, 38.7552, 61.9057 looks on a white background.

Color Contrast Check

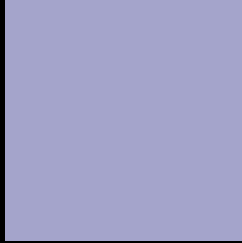
Large Text (above 18pt) WCAG AA × Fail

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 39.3648, 38.7552, 61.9057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

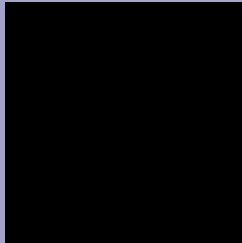
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3648, 38.7552, 61.9057

Background



This preview shows how black text looks on a background with the XYZ color 39.3648, 38.7552, 61.9057.



This preview shows how white text looks on a background with the XYZ color 39.3648, 38.7552,

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

39.3648, 38.7552, 61.9057

Protanopia

38.6359, 38.9012, 62.5991

Deuteranopia

39.5720, 38.8620, 61.9154



Tritanopia

36.8403, 38.8150, 49.2664

Trichromacy



Original Color

39.3648, 38.7552, 61.9057

Protanomaly

38.8514, 38.7435, 62.5573

Deuteranomaly

39.5720, 38.8620, 61.9154

Tritanomaly

37.7020, 38.8886, 53.6633

Monochromacy



Original Color

39.3648, 38.7552, 61.9057

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.0956, 39.1891, 49.2725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3648, 38.7552, 61.9057 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(164, 164, 203)` looks like.

```
.text, #text, p{  
    color:rgb(164, 164, 203)  
}
```

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(164, 164, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 164, 203) }
```

Border

The CSS property to change the border of an element to XYZ 39.3648, 38.7552, 61.9057 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(164, 164, 203) }
```


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

```
.border{ border-color:rgb(164, 164, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 164, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 164, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 164, 203);  
box-shadow:4px 4px 4px 4px rgb(164, 164,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3648, 38.7552, 61.9057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 164, 203) }
```

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

```
.background{ background-color: rgb(164,  
164, 203) }
```

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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