

Converting Colors

XYZ(40.0402, 37.9214, 56.2482)

Have a look what the booklet for
XYZ(40.0402, 37.9214, 56.2482)
contains.

XYZ(40.0402, 37.9214, 56.2482)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.0402, 37.9214,
56.2482)**

Conversions

Conversions Part 1

Format	Color
Hex	B09FC2
RGB	176, 159, 194
RGB Percent	69%, 62%, 76%
CMY	0.3098, 0.3765, 0.2392
CMYK	0.09, 0.18, 0.00, 0.24
HSL	269°, 22%, 69%
HSV	269°, 18%, 76%
XYZ	40.0402, 37.9214, 56.2482
YIQ	168.0730, -1.1030, 14.4890

Conversions

Conversions Part 2

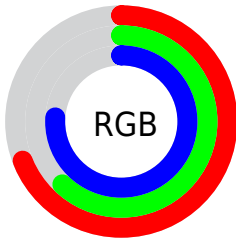
Format	Color
RYB	176, 159, 194
Decimal	11575234
CIELab	67.96, 12.91, -15.71
CIElCh	68, 20.338, 309.410
Yxy	37.9214, 0.2983, 0.2826
Android (android.graphics.Color)	4289765314 (0xFFB09FC2)
YUV	168.0730, 12.7820, 6.9520
Hunter-Lab	61.5804, 8.2970, -11.0499

Details

The XYZ color **40.0402, 37.9214, 56.2482** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.6827, 50.4349, 40.2353**, and the grayscale version is **37.1958, 39.1329, 42.6158**.

A 20% lighter version of the original color is **74.7379, 72.2140, 101.2664**, and **18.2646, 16.8295, 27.0967** is the 20% darker color. If you saturate the color by 10%, you get **34.7889, 30.6452, 55.1211**, and if you desaturate by 10%, it is **45.9833, 46.3334, 57.5592**.

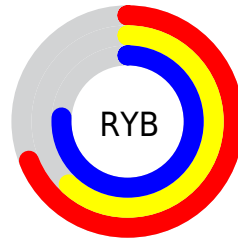
Distribution



Red (69%)

Green (62%)

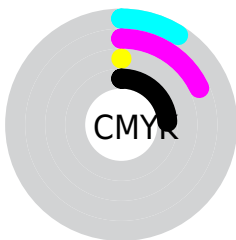
Blue (76%)



Red (69%)

Yellow (62%)

Blue (76%)

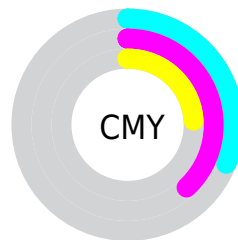


Cyan (9%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (31%)


Magenta (38%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0402, 37.9214, 56.2482 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 40.0402, 37.9214, 56.2482 by changing the saturation by 10% instead.


 40.0402, 37.9214,
56.2482


 40.0402, 37.9214,
56.2482


337.4245,
337.2827, 428.0408

 27.7542, 25.9217,
39.9966


 74.5087, 71.9876,
100.8568

 18.2800, 16.7651,
27.2221


 97.4219, 94.8230,
130.0509

 11.2521, 10.0671,
17.5062


124.6083,
122.0390, 164.3962

 6.3052, 5.4435,
10.4303

156.4331,
154.0200, 204.3114

 3.0740, 2.5098,
5.5759

193.2618,
191.1505, 250.2149

 1.1930, 0.8815,
2.5244

235.4597,

 0.1008, 0.0000,

233.8149, 302.5252

0.8530

283.3921,
282.3975, 361.6610

■ 0.0000, 0.0000,
0.0000

■ 40.0402, 37.9214,
56.2482

■ 40.0402, 37.9214,
56.2482

■ 34.7889, 30.6452,
55.1211

■ 45.9833, 46.3334,
57.5592

■ 30.1979, 24.4496,
54.1672

■ 52.6409, 55.9238,
59.0595

■ 26.2385, 19.2816,
53.3784

■ 60.0388, 66.7387,
60.7570

■ 22.8782, 15.0819,
52.7449

■ 68.2006, 78.8203,
62.6589

■ 20.0813, 11.7849,
52.2559

■ 76.8275, 91.5662,
64.6644

■ 17.8076, 9.3164,
51.8992

■ 80.0461, 93.2254,
64.8150

■ 16.0107, 7.5898,
51.6607

■ 83.4498, 94.9801,
64.9743

■ 14.6217, 6.4742,
51.5186

■ 86.7377, 96.6751,
65.1282

■ 14.3767, 6.2866,
51.4953

Harmonies

Analogous

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



37.0458, 37.9214, 60.9482



40.0402, 37.9214, 56.2482



42.0360, 37.9214, 47.7176

Triad

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



40.0402, 37.9214, 56.2482



38.2227, 37.9214, 27.0475



30.3746, 37.9214, 44.2010

Complementary

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



40.0402, 37.9214, 56.2482



43.6827, 50.4349, 40.2353

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.



30.6488, 37.9214, 35.4671



40.0402, 37.9214, 56.2482



35.0588, 37.9214, 26.3910

Square

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



40.0402, 37.9214, 56.2482



40.9449, 37.9214, 31.1977



32.3214, 37.9214, 29.2508



31.5491, 37.9214, 53.3531

Rectangle

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



40.0402, 37.9214, 56.2482



42.4672, 37.9214, 41.4695



32.3214, 37.9214, 29.2508



30.3020, 37.9214, 41.1109

Sweetspot

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



40.0414, 37.9230, 56.2490



86.7427, 88.8607, 105.0498



39.7757, 42.7446, 57.1937



18.8114, 19.1950, 22.9635



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.



40.0414, 37.9230, 56.2490



68.2931, 62.7779, 100.9877



44.2355, 40.0852, 56.4453



9.9835, 9.9826, 12.6855



9.5461, 4.1816, 33.8606



0.4920, 0.2217, 1.4667

Inverse Universe

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



42.5834, 39.4416, 46.9655



73.9097, 66.1339, 80.4446



39.9652, 48.5185, 40.0613



10.2846, 10.1624, 11.5892



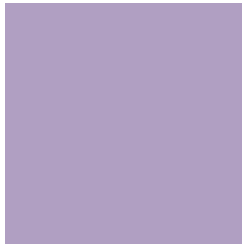
16.1744, 8.1595, 8.8304



0.7336, 0.3664, 0.5644

Previews

White Background



This preview shows how the XYZ color 40.0402, 37.9214, 56.2482 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 40.0402, 37.9214, 56.2482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

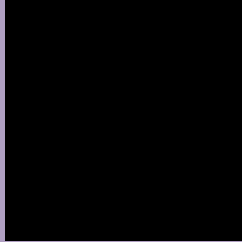
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0402, 37.9214, 56.2482

Background



This preview shows how black text looks on a background with the XYZ color 40.0402, 37.9214, 56.2482.



This preview shows how white text looks on a background with the XYZ color 40.0402, 37.9214,

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

40.0402, 37.9214, 56.2482

Protanopia

37.6516, 37.9531, 58.1645

Deuteranopia

38.6944, 38.0157, 55.7504



Tritanopia

37.8918, 37.8200, 45.8603

Trichromacy



Original Color

40.0402, 37.9214, 56.2482

Protanomaly

38.4012, 37.8255, 57.5016

Deuteranomaly

39.1651, 37.9979, 55.7222

Tritanomaly

38.6439, 37.8658, 49.5280

Monochromacy



Original Color

40.0402, 37.9214, 56.2482

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.1855, 38.7425, 47.0604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0402, 37.9214, 56.2482 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(176, 159, 194)` looks like.

```
.text, #text, p{  
    color:rgb(176, 159, 194)  
}
```

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(176, 159, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 159, 194) }
```

Border

The CSS property to change the border of an element to XYZ 40.0402, 37.9214, 56.2482 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(176, 159, 194) }
```


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

```
.border{ border-color:rgb(176, 159, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 159, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 159, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 159, 194); box-shadow:4px 4px 4px 4px rgb(176, 159, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0402, 37.9214, 56.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 159, 194) }
```

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

```
.background{ background-color: rgb(176,  
159, 194) }
```

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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