

Converting Colors

XYZ(39.4232, 38.2473, 70.0688)

Have a look what the booklet for
XYZ(39.4232, 38.2473, 70.0688)
contains.

XYZ(39.5924, 38.4214, 70.2951)	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(39.5924, 38.4214,
70.2951)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA3D8
RGB	158, 163, 216
RGB Percent	62%, 64%, 85%
CMY	0.3804, 0.3608, 0.1529
CMYK	0.27, 0.25, 0.00, 0.15
HSL	235°, 43%, 73%
HSV	235°, 27%, 85%
XYZ	39.5924, 38.4214, 70.2951
YIQ	167.5470, -19.9930, 15.4230

Conversions

Conversions Part 2

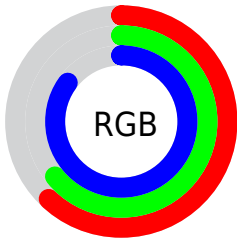
Format	Color
RYB	158, 163, 216
Decimal	10396632
CIELab	68.33, 9.93, -27.46
CIELCh	68, 29.198, 289.873
Yxy	38.4214, 0.2670, 0.2591
Android (android.graphics.Color)	4288586712 (0xFF9EA3D8)
YUV	167.5470, 23.8873, -8.3727
Hunter-Lab	61.9850, 5.5416, -23.8493

Details

The XYZ color **39.5924, 38.4214, 70.2951** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.7852, 63.6563, 41.5901**, and the grayscale version is **36.8925, 38.8137, 42.2682**.

A 20% lighter version of the original color is **70.8530, 71.6589, 104.7049**, and **17.9432, 16.9453, 36.0433** is the 20% darker color. If you saturate the color by 10%, you get **32.4761, 29.9508, 69.0358**, and if you desaturate by 10%, it is **48.0049, 48.3739, 71.7734**.

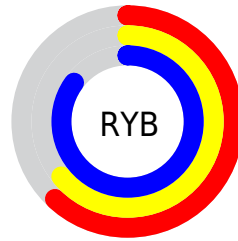
Distribution



Red (62%)

Green (64%)

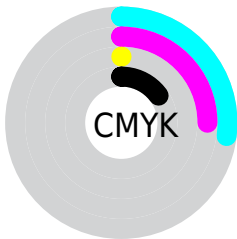
Blue (85%)



Red (62%)

Yellow (64%)

Blue (85%)

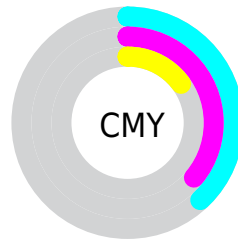


Cyan (27%)

Magenta (25%)

Yellow (0%)

Black (15%)



Cyan (38%)

Magenta (36%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5924, 38.4214, 70.2951 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 39.5924, 38.4214, 70.2951 by changing the saturation by 10% instead.

■ 39.5924, 38.4214,
70.2951

■ 39.5924, 38.4214,
70.2951

335.5666,
339.4242, 480.4026

■ 27.4037, 26.3099,
51.2889

■ 73.8307, 72.7536,
121.3146

■ 18.0148, 17.0556,
36.0602

■ 96.6110, 95.7431,
154.1648

■ 11.0604, 10.2742,
24.1906

123.6526,
123.1273, 192.4669

■ 6.1750, 5.5811,
15.2616

155.3208,
155.2908, 236.6393

■ 2.9935, 2.5921,
8.8545

191.9809,
192.6178, 287.1005

■ 1.1503, 0.9227,
4.5509

233.9983,

■ 0.0666, 0.0000,

235.4928, 344.2691

1.9322

281.7384,
284.3001, 408.5636

■ 0.0000, 0.0000,
0.5131

■ 0.0000, 0.0000,
0.0000

■ 39.5924, 38.4214,
70.2951

■ 39.5924, 38.4214,
70.2951

■ 32.4761, 29.9508,
69.0358

■ 48.0049, 48.3739,
71.7734

■ 26.5877, 22.8868,
67.9827

■ 57.7697, 59.8696,
73.4776

■ 21.8588, 17.1542,
67.1254

■ 68.9442, 72.9721,
75.4177

■ 18.2122, 12.6693,
66.4520

■ 81.5814, 87.7399,
77.6021

■ 15.5615, 9.3386,
65.9488

■ 89.3948, 97.7379,
79.1201

■ 13.8071, 7.0552,
65.6005

■ 12.8242, 5.6903,
65.3889

■ 12.6214, 5.4111,
65.3457

Harmonies

Analogous

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



34.9928, 38.4214, 71.8732



39.5924, 38.4214, 70.2951



43.6690, 38.4214, 60.2704

Triad

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



39.5924, 38.4214, 70.2951



42.4887, 38.4214, 25.3709



28.5222, 38.4214, 37.5576

Complementary

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



39.5924, 38.4214, 70.2951



57.7852, 63.6563, 41.5901

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.



30.1943, 38.4214, 27.6028



39.5924, 38.4214, 70.2951



38.0877, 38.4214, 21.6052

Square

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



39.5924, 38.4214, 70.2951



45.4356, 38.4214, 33.8383



33.6078, 38.4214, 22.3265



28.8516, 38.4214, 51.0002

Rectangle

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



39.5924, 38.4214, 70.2951



45.4202, 38.4214, 51.1199



33.6078, 38.4214, 22.3265



28.8630, 38.4214, 33.7474

Sweetspot

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



39.5937, 38.4229, 70.2960



82.2780, 85.0120, 106.6802



50.3151, 61.0448, 70.2352



17.1289, 17.6294, 22.7500



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.



39.5937, 38.4229, 70.2960



51.7816, 48.9688, 101.3305



43.7255, 39.2607, 70.2399



11.8278, 12.1791, 15.6649



7.5035, 3.2687, 38.6886



0.4831, 0.2581, 2.3437

Inverse Universe

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



47.1577, 41.6981, 40.2151



64.5431, 54.6139, 50.5531



52.6697, 62.8924, 41.7123



12.4663, 12.4380, 13.1298



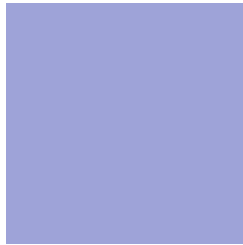
16.8463, 8.6748, 1.2285



1.0315, 0.5294, 0.1552

Previews

White Background



This preview shows how the XYZ color 39.5924, 38.4214, 70.2951 looks on a white background.

Color Contrast Check

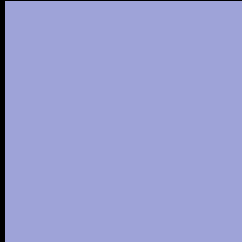
Large Text (above 18pt) WCAG AA × Fail

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 39.5924, 38.4214, 70.2951 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 39.5924, 38.4214, 70.2951

Background



This preview shows how black text looks on a background with the XYZ color 39.5924, 38.4214, 70.2951.



This preview shows how white text looks on a background with the XYZ color 39.5924, 38.4214,

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

39.5924, 38.4214, 70.2951

Protanopia

38.9284, 38.5954, 71.0436

Deuteranopia

39.3804, 38.5767, 70.3362



Tritanopia

35.4977, 38.3741, 50.3358

Trichromacy



Original Color

39.5924, 38.4214, 70.2951

Protanomaly

39.1263, 38.4307, 71.0013

Deuteranomaly

39.5748, 38.6769, 70.3453

Tritanomaly

36.9955, 38.4476, 57.1010

Monochromacy



Original Color

39.5924, 38.4214, 70.2951

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.7030, 38.6677, 51.3754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5924, 38.4214, 70.2951 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(158, 163, 216)` looks like.

```
.text, #text, p{  
    color:rgb(158, 163, 216)  
}
```

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(158, 163, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 163, 216) }
```

Border

The CSS property to change the border of an element to XYZ 39.5924, 38.4214, 70.2951 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(158, 163, 216) }
```


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

```
.border{ border-color:rgb(158, 163, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 163, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 163, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 163, 216);  
box-shadow:4px 4px 4px 4px rgb(158, 163,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5924, 38.4214, 70.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 163, 216) }
```

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

```
.background{ background-color: rgb(158,  
163, 216) }
```

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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