

Converting Colors

XYZ(40.9745, 42.1812, 55.4168)

Have a look what the booklet for
XYZ(40.9745, 42.1812, 55.4168)
contains.

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Color

**XYZ(40.9251, 42.1948,
55.2776)**

Conversions

Conversions Part 1

Format	Color
Hex	AAADBFB
RGB	170, 173, 191
RGB Percent	67%, 68%, 75%
CMY	0.3333, 0.3216, 0.2510
CMYK	0.11, 0.09, 0.00, 0.25
HSL	231°, 14%, 71%
HSV	231°, 11%, 75%
XYZ	40.9251, 42.1948, 55.2776
YIQ	174.1550, -7.5660, 4.9620

Conversions

Conversions Part 2

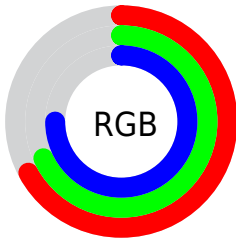
Format	Color
R_{YB}	170, 173, 191
Decimal	11185599
CIE _{Lab}	71.01, 2.54, -9.54
CIE _{LCh}	71, 9.872, 284.905
Yxy	42.1948, 0.2957, 0.3049
Android (android.graphics.Color)	4289375679 (0xFFAAADB _F)
YUV	174.1550, 8.3046, -3.6439
Hunter-Lab	64.9575, -1.2156, -4.9844

Details

The XYZ color **40.9251, 42.1948, 55.2776** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.7249, 49.9447, 45.2086**, and the grayscale version is **40.2742, 42.3716, 46.1427**.

A 20% lighter version of the original color is **75.5832, 78.2098, 99.1080**, and **18.8960, 19.3613, 26.7859** is the 20% darker color. If you saturate the color by 10%, you get **34.1436, 34.3221, 54.1161**, and if you desaturate by 10%, it is **48.6936, 51.1495, 56.5972**.

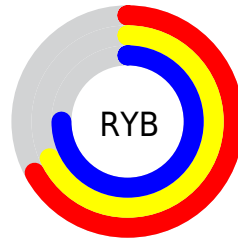
Distribution



Red (67%)

Green (68%)

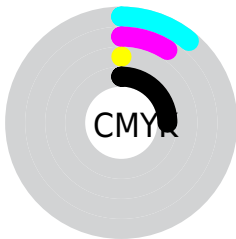
Blue (75%)



Red (67%)

Yellow (68%)

Blue (75%)

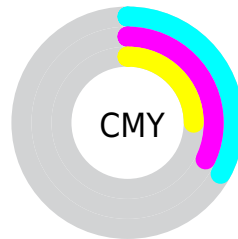


Cyan (11%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9251, 42.1948, 55.2776 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 40.9251, 42.1948, 55.2776 by changing the saturation by 10% instead.

■ 40.9251, 42.1948,
55.2776

■ 40.9251, 42.1948,
55.2776

341.0754,
355.2898, 424.2749

■ 28.4480, 29.2539,
39.2239

■ 75.8456, 78.4944,
99.4228

■ 18.8058, 19.2729,
26.6248

99.0197, 102.6218,
128.3514

■ 11.6332, 11.8677,
17.0617

126.4902,
131.2468, 162.4087

■ 6.5649, 6.6536,
10.1161

158.6223,
164.7538, 202.0133

■ 3.2354, 3.2464,
5.3694

195.7816,
203.5272, 247.5836

■ 1.2794, 1.2617,
2.4031

238.3333,

■ 0.1677, 0.1113,

247.9514, 299.5383

0.7881

286.6428,
298.4108, 358.2959

■ 0.0000, 0.0000,
0.0000

■ 40.9251, 42.1948,
55.2776

■ 40.9251, 42.1948,
55.2776

■ 34.1436, 34.3221,
54.1161

■ 48.6936, 51.1495,
56.5972

■ 28.3057, 27.4851,
53.1041

■ 57.4827, 61.2195,
58.0777

■ 23.3705, 21.6419,
52.2364

■ 67.3289, 72.4436,
59.7252

■ 19.2922, 16.7460,
51.5063

■ 78.2660, 84.8567,
61.5448

■ 16.0215, 12.7467,
50.9068

■ 86.3563, 96.4460,
63.3553

■ 13.5035, 9.5888,
50.4299

■ 86.4041, 96.5416,
63.3713

■ 11.6765, 7.2107,
50.0672

■ 10.4686, 5.5422,
49.8088

■ 9.8031, 4.5597,
49.6543

Harmonies

Analogous

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



39.2858, 42.1948, 55.2688



40.9251, 42.1948, 55.2776



42.3825, 42.1948, 52.6715

Triad

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



40.9251, 42.1948, 55.2776



42.3902, 42.1948, 39.8326



37.1240, 42.1948, 43.6211

Complementary

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



40.9251, 42.1948, 55.2776



46.7249, 49.9447, 45.2086

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.



37.9103, 42.1948, 39.8133



40.9251, 42.1948, 55.2776



40.9353, 42.1948, 37.7300

Square

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



40.9251, 42.1948, 55.2776



43.2440, 42.1948, 43.6491



39.2957, 42.1948, 37.7232



37.1215, 42.1948, 48.3159

Rectangle

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



40.9251, 42.1948, 55.2776



43.0420, 42.1948, 49.8983



39.2957, 42.1948, 37.7232



37.3045, 42.1948, 42.2024

Sweetspot

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



40.9264, 42.1966, 55.2785



84.2063, 88.1549, 100.8566



44.2700, 49.4327, 54.7011



18.2345, 19.0629, 22.1037



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.9264, 42.1966, 55.2785



70.4627, 72.2909, 98.5189



41.9907, 41.9001, 55.1652



9.1236, 9.4396, 12.0134



6.4788, 3.0693, 32.6439



0.2896, 0.1918, 1.2906

Inverse Universe

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



43.4044, 42.8438, 45.5193



75.7221, 73.6941, 77.7992



45.5706, 50.3117, 45.3403



9.5843, 9.5580, 10.1997



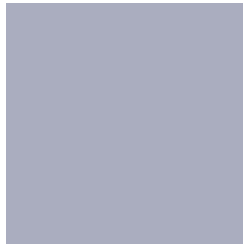
14.2710, 7.3395, 1.4545



0.5771, 0.2947, 0.1521

Previews

White Background



This preview shows how the XYZ color 40.9251, 42.1948, 55.2776 looks on a white background.

Color Contrast Check

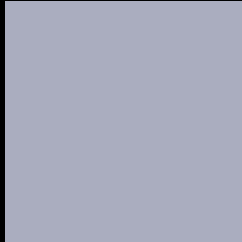
Large Text (above 18pt) WCAG AA × Fail

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 40.9251, 42.1948, 55.2776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

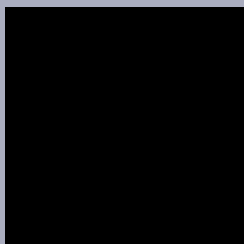
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

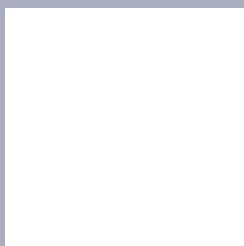
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9251, 42.1948, 55.2776

Background



This preview shows how black text looks on a background with the XYZ color 40.9251, 42.1948, 55.2776.



This preview shows how white text looks on a background with the XYZ color 40.9251, 42.1948,

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

40.9251, 42.1948, 55.2776

Protanopia

41.1698, 42.0373, 55.2343

Deuteranopia

42.9938, 42.1268, 55.7344



Tritanopia

40.4679, 42.2950, 53.0446

Trichromacy



Original Color

40.9251, 42.1948, 55.2776

Protanomaly

40.9511, 41.9246, 55.2241

Deuteranomaly

42.2493, 42.0202, 55.7531

Tritanomaly

40.5753, 42.3380, 53.6104

Monochromacy



Original Color

40.9251, 42.1948, 55.2776

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.6079, 42.4516, 49.2337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9251, 42.1948, 55.2776 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(170, 173, 191)` looks like.

```
.text, #text, p{  
    color:rgb(170, 173, 191)  
}
```

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(170, 173, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 173, 191) }
```

Border

The CSS property to change the border of an element to XYZ 40.9251, 42.1948, 55.2776 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(170, 173, 191) }
```


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

```
.border{ border-color:rgb(170, 173, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 173, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 173, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 173, 191);  
box-shadow:4px 4px 4px 4px rgb(170, 173,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9251, 42.1948, 55.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 173, 191) }
```

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

```
.background{ background-color: rgb(170,  
173, 191) }
```

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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