

Converting Colors

XYZ(40.4553, 42.9322, 57.3068)

Have a look what the booklet for
XYZ(40.4553, 42.9322, 57.3068)
contains.

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Color

**XYZ(40.5640, 43.1259,
57.2251)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B1C2
RGB	163, 177, 194
RGB Percent	64%, 69%, 76%
CMY	0.3608, 0.3059, 0.2392
CMYK	0.16, 0.09, 0.00, 0.24
HSL	213°, 20%, 70%
HSV	213°, 16%, 76%
XYZ	40.5640, 43.1259, 57.2251
YIQ	174.7520, -13.8010, 2.3190

Conversions

Conversions Part 2

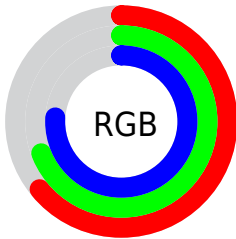
Format	Color
R _Y B	163, 173, 194
Decimal	10727874
CIE Lab	71.64, -1.31, -10.30
CIE LCh	72, 10.380, 262.734
Yxy	43.1259, 0.2879, 0.3060
Android (android.graphics.Color)	4288917954 (0xFFA3B1C2)
YUV	174.7520, 9.4893, -10.3065
Hunter-Lab	65.6703, -4.6651, -5.6961

Details

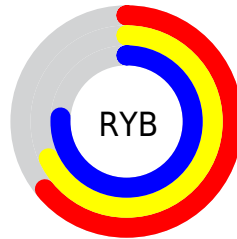
The XYZ color **40.5640, 43.1259, 57.2251** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.1805, 46.7560, 41.2947**, and the grayscale version is **40.5781, 42.6913, 46.4908**.

A 20% lighter version of the original color is **75.3077, 80.0854, 101.9314**, and **18.6228, 19.9402, 27.6783** is the 20% darker color. If you saturate the color by 10%, you get **34.8729, 37.1946, 56.3809**, and if you desaturate by 10%, it is **47.0309, 49.7025, 58.1544**.

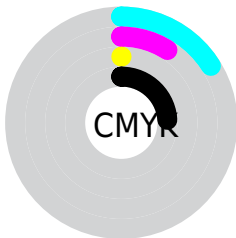
Distribution



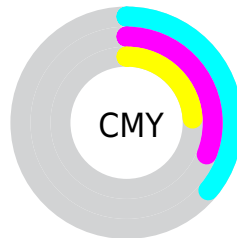
- Red (64%)
- Green (69%)
- Blue (76%)



- Red (64%)
- Yellow (68%)
- Blue (76%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5640, 43.1259, 57.2251 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 40.5640, 43.1259, 57.2251 by changing the saturation by 10% instead.

■ 40.5640, 43.1259,
57.2251

■ 40.5640, 43.1259,
57.2251

339.5888,
359.1293, 431.8096

■ 28.1647, 29.9839,
40.7754

■ 75.3005, 79.9008,
102.2972

■ 18.5910, 19.8264,
27.8253

■ 98.3684, 104.3025,
131.7566

■ 11.4773, 12.2689,
17.9561

125.7233,
133.2263, 166.3898

■ 6.4585, 6.9271,
10.7494

157.7304,
167.0564, 206.6151

■ 3.1691, 3.4165,
5.7865

194.7552,
206.1774, 252.8513

■ 1.2438, 1.3529,
2.6490

237.1629,

■ 0.1406, 0.1816,

250.9736, 305.5167

0.9176

285.3190,
301.8295, 365.0300

■ 0.0000, 0.0000,
0.0000

■ 40.5640, 43.1259,
57.2251

■ 40.5640, 43.1259,
57.2251

■ 34.8729, 37.1946,
56.3809

■ 47.0309, 49.7025,
58.1544

■ 29.9222, 31.8815,
55.6163

■ 54.2991, 56.9396,
59.1682

■ 25.6797, 27.1654,
54.9296

■ 62.3979, 64.8585,
60.2698

■ 22.1088, 23.0216,
54.3180

■ 71.3537, 73.4779,
61.4615

■ 19.1695, 19.4232,
53.7783

■ 79.3274, 81.8545,
62.6581

■ 16.8171, 16.3407,
53.3073

■ 82.3819, 87.9634,
63.6762

■ 15.0001, 13.7408,
52.9013

■ 85.6201, 94.4399,
64.7557

■ 13.6544, 11.5836,
52.5558

■ 86.7377, 96.6751,
65.1282

■ 13.1971, 10.8139,
52.4313

Harmonies

Analogous

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



38.9777, 43.1259, 55.0868



40.5640, 43.1259, 57.2251



42.3096, 43.1259, 56.4594

Triad

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



40.5640, 43.1259, 57.2251



44.1860, 43.1259, 43.3155



38.3592, 43.1259, 41.3375

Complementary

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



40.5640, 43.1259, 57.2251



45.1805, 46.7560, 41.2947

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.



39.6979, 43.1259, 38.5851



40.5640, 43.1259, 57.2251



43.0701, 43.1259, 39.6688

Square

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



40.5640, 43.1259, 57.2251



44.4339, 43.1259, 48.1914



41.4187, 43.1259, 37.9967



37.7286, 43.1259, 45.7435

Rectangle

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



40.5640, 43.1259, 57.2251



43.3258, 43.1259, 54.4294



41.4187, 43.1259, 37.9967



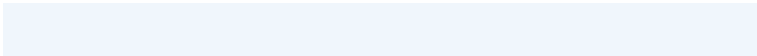
38.7394, 43.1259, 40.2015

Sweetspot

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



40.5653, 43.1277, 57.2261



86.3314, 91.1773, 105.5186



42.5875, 49.6472, 50.2702



18.7093, 19.7696, 23.0798



0.0000, 0.0000, 0.0000



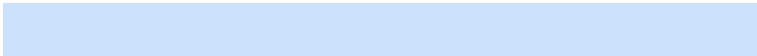
20.3446, 21.4041, 23.3091

Same Dimension

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



40.5653, 43.1277, 57.2261



69.9142, 74.4373, 103.1527



38.1523, 37.9863, 56.3609



9.8946, 10.4805, 12.7863



8.7562, 7.2690, 34.4982



0.4471, 0.4516, 1.5135

Inverse Universe

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



43.2821, 40.8390, 47.1986



75.7644, 69.6952, 81.5190



47.8872, 52.5617, 42.2727



10.2581, 10.1518, 11.4496



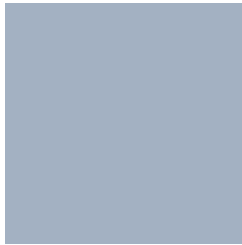
15.8157, 8.0160, 6.9416



0.7180, 0.3602, 0.4826

Previews

White Background



This preview shows how the XYZ color 40.5640, 43.1259, 57.2251 looks on a white background.

Color Contrast Check

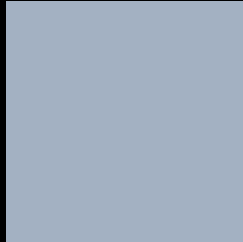
Large Text (above 18pt) WCAG AA × Fail

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 40.5640, 43.1259, 57.2251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

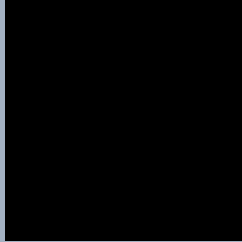
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5640, 43.1259, 57.2251

Background



This preview shows how black text looks on a background with the XYZ color 40.5640, 43.1259, 57.2251.



This preview shows how white text looks on a background with the XYZ color 40.5640, 43.1259,

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

40.5640, 43.1259, 57.2251

Protanopia

41.8841, 42.9621, 55.9542

Deuteranopia

43.9417, 43.1332, 57.6393



Tritanopia

40.3408, 43.0366, 56.0499

Trichromacy



Original Color

40.5640, 43.1259, 57.2251

Protanomaly

41.3178, 42.9452, 56.5637

Deuteranomaly

42.6984, 43.0574, 57.6902

Tritanomaly

40.4520, 43.0811, 56.6355

Monochromacy



Original Color

40.5640, 43.1259, 57.2251

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.7634, 43.0860, 50.4239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5640, 43.1259, 57.2251 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(163, 177, 194)` looks like.

```
.text, #text, p{  
    color:rgb(163, 177, 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(163, 177, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 177, 194) }
```

Border

The CSS property to change the border of an element to XYZ 40.5640, 43.1259, 57.2251 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(163, 177, 194) }
```


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

```
.border{ border-color:rgb(163, 177, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 177, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 177, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 177, 194);  
box-shadow:4px 4px 4px 4px rgb(163, 177,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5640, 43.1259, 57.2251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 177, 194) }
```

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

```
.background{ background-color: rgb(163,  
177, 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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