

Converting Colors

XYZ(40.3757, 42.4719, 55.8432)

Have a look what the booklet for
XYZ(40.3757, 42.4719, 55.8432)
contains.

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Color

**XYZ(40.3615, 42.4650,
55.9385)**

Conversions

Conversions Part 1

Format	Color
Hex	A5AFC0
RGB	165, 175, 192
RGB Percent	65%, 69%, 75%
CMY	0.3529, 0.3137, 0.2471
CMYK	0.14, 0.09, 0.00, 0.25
HSL	218°, 18%, 70%
HSV	218°, 14%, 75%
XYZ	40.3615, 42.4650, 55.9385
YIQ	173.9480, -11.4170, 3.1670

Conversions

Conversions Part 2

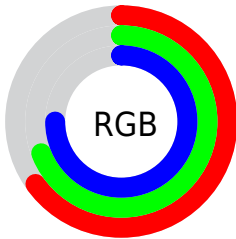
Format	Color
R_{YB}	165, 172, 192
Decimal	10858432
CIE _{Lab}	71.19, -0.00, -9.85
CIE _{LCh}	71, 9.854, 269.996
Yxy	42.4650, 0.2909, 0.3060
Android (android.graphics.Color)	4289048512 (0xFFA5AFC0)
YUV	173.9480, 8.8996, -7.8474
Hunter-Lab	65.1652, -3.4811, -5.2796

Details

The XYZ color **40.3615, 42.4650, 55.9385** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.2582, 47.3791, 42.3581**, and the grayscale version is **40.1664, 42.2582, 46.0191**.

A 20% lighter version of the original color is **74.7553, 78.5866, 100.0356**, and **18.5532, 19.5407, 27.2200** is the 20% darker color. If you saturate the color by 10%, you get **34.4157, 36.0632, 55.0169**, and if you desaturate by 10%, it is **47.1200, 49.6006, 56.9603**.

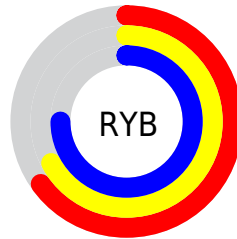
Distribution



Red (65%)

Green (69%)

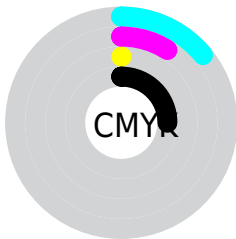
Blue (75%)



Red (65%)

Yellow (67%)

Blue (75%)

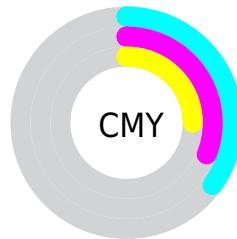


Cyan (14%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3615, 42.4650, 55.9385 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 40.3615, 42.4650, 55.9385 by changing the saturation by 10% instead.

■ 40.3615, 42.4650,
55.9385

■ 40.3615, 42.4650,
55.9385

338.7532,
356.4069, 426.8415

■ 28.0060, 29.4656,
39.7500

■ 74.9945, 78.9029,
100.3995

■ 18.4706, 19.4333,
27.0313

■ 98.0027, 103.1102,
129.5091

■ 11.3901, 11.9838,
17.3641

125.2926,
131.8222, 163.7628

■ 6.3991, 6.7326,
10.3297

157.2293,
165.4233, 203.5791

■ 3.1322, 3.2955,
5.5097

194.1785,
204.2979, 249.3766

■ 1.2241, 1.2879,
2.4854

236.5052,

■ 0.1252, 0.1318,

248.8305, 301.5738

0.8324

284.5750,
299.4054, 360.5892

■ 0.0000, 0.0000,
0.0000

■ 40.3615, 42.4650,
55.9385

■ 40.3615, 42.4650,
55.9385

■ 34.4157, 36.0632,
55.0169

■ 47.1200, 49.6006,
56.9603

■ 29.2468, 30.3653,
54.1895

■ 54.7176, 57.4882,
58.0823

■ 24.8215, 25.3468,
53.4541

■ 63.1843, 66.1519,
59.3083

■ 21.1028, 20.9796,
52.8071

■ 72.5473, 75.6131,
60.6410

■ 18.0502, 17.2336,
52.2450

■ 80.5896, 84.7360,
61.9780

■ 15.6186, 14.0758,
51.7636

■ 84.1776, 91.9119,
63.1740

■ 13.7568, 11.4692,
51.3586

■ 86.5146, 96.5858,
63.9530

■ 12.4038, 9.3715,
51.0250

■ 11.7757, 8.3281,
50.8567

Harmonies

Analogous

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



38.7949, 42.4650, 54.5665



40.3615, 42.4650, 55.9385



41.9698, 42.4650, 54.5671

Triad

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



40.3615, 42.4650, 55.9385



43.1742, 42.4650, 41.8389



37.6743, 42.4650, 41.8379

Complementary

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



40.3615, 42.4650, 55.9385



45.2582, 47.3791, 42.3581

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.



38.7952, 42.4650, 38.8012



40.3615, 42.4650, 55.9385



41.9702, 42.4650, 38.8018

Square

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



40.3615, 42.4650, 55.9385



43.6205, 42.4650, 46.2378



40.3619, 42.4650, 37.7278



37.2694, 42.4650, 46.2366

Rectangle

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



40.3615, 42.4650, 55.9385



42.8428, 42.4650, 52.3318



40.3619, 42.4650, 37.7278



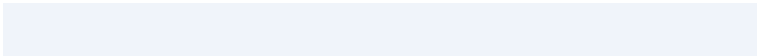
37.9783, 42.4650, 40.6351

Sweetspot

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



40.3628, 42.4668, 55.9394



85.3748, 89.8694, 103.2071



42.7750, 49.0624, 51.2829



18.1049, 19.0591, 22.1098



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.



40.3628, 42.4668, 55.9394



69.5173, 73.0792, 100.8020



39.1510, 39.0584, 55.3454



9.8271, 10.3455, 12.7638



7.9925, 5.7416, 34.2436



0.4115, 0.3804, 1.5016

Inverse Universe

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



42.9323, 41.2130, 46.2514



75.1426, 70.4695, 79.5627



46.5911, 51.2163, 43.0285



10.2240, 10.1382, 11.2703



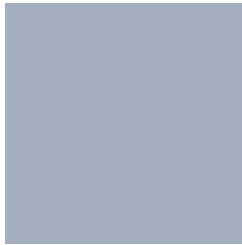
15.4302, 7.8618, 4.9117



0.7001, 0.3530, 0.3881

Previews

White Background



This preview shows how the XYZ color 40.3615, 42.4650, 55.9385 looks on a white background.

Color Contrast Check

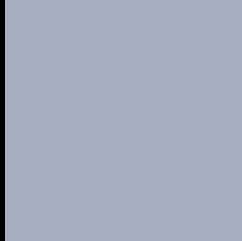
Large Text (above 18pt) WCAG AA × Fail

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 40.3615, 42.4650, 55.9385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

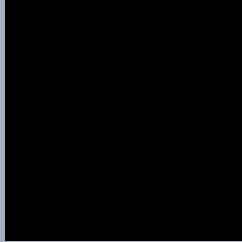
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3615, 42.4650, 55.9385

Background



This preview shows how black text looks on a background with the XYZ color 40.3615, 42.4650, 55.9385.



This preview shows how white text looks on a background with the XYZ color 40.3615, 42.4650,

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

40.3615, 42.4650, 55.9385

Protanopia

41.3608, 42.4194, 55.2980

Deuteranopia

43.1050, 42.1713, 56.3201



Tritanopia

40.0323, 42.3334, 54.2053

Trichromacy



Original Color

40.3615, 42.4650, 55.9385

Protanomaly

40.9022, 42.4687, 55.3317

Deuteranomaly

42.0930, 42.2062, 56.3801

Tritanomaly

40.1413, 42.3770, 54.7791

Monochromacy



Original Color

40.3615, 42.4650, 55.9385

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.2711, 42.2662, 49.7517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3615, 42.4650, 55.9385 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(165, 175, 192)` looks like.

```
.text, #text, p{  
    color:rgb(165, 175, 192)  
}
```

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(165, 175, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 175, 192) }
```

Border

The CSS property to change the border of an element to XYZ 40.3615, 42.4650, 55.9385 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(165, 175, 192) }
```


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

```
.border{ border-color:rgb(165, 175, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 175, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 175, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 175, 192);  
box-shadow:4px 4px 4px 4px rgb(165, 175,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3615, 42.4650, 55.9385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 175, 192) }
```

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

```
.background{ background-color: rgb(165,  
175, 192) }
```

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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