

Converting Colors

XYZ(40.4330, 42.3535, 54.8232)

Have a look what the booklet for
XYZ(40.4330, 42.3535, 54.8232)
contains.

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Color

**XYZ(40.3667, 42.2053,
54.7341)**

Conversions

Conversions Part 1

Format	Color
Hex	A7AEBE
RGB	167, 174, 190
RGB Percent	65%, 68%, 75%
CMY	0.3451, 0.3176, 0.2549
CMYK	0.12, 0.08, 0.00, 0.25
HSL	222°, 15%, 70%
HSV	222°, 12%, 75%
XYZ	40.3667, 42.2053, 54.7341
YIQ	173.7310, -9.3080, 3.4920

Conversions

Conversions Part 2

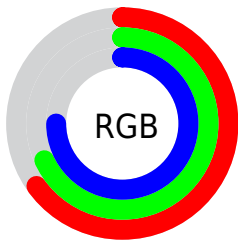
Format	Color
RYB	167, 172, 190
Decimal	10989246
CIELab	71.01, 0.78, -9.00
CIELCh	71, 9.037, 274.972
Yxy	42.2053, 0.2940, 0.3074
Android (android.graphics.Color)	4289179326 (0xFFA7AEBE)
YUV	173.7310, 8.0206, -5.9031
Hunter-Lab	64.9656, -2.7780, -4.4764

Details

The XYZ color **40.3667, 42.2053, 54.7341** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.1441, 47.6040, 43.3693**, and the grayscale version is **40.0588, 42.1449, 45.8958**.

A 20% lighter version of the original color is **74.7781, 78.2220, 98.3459**, and **18.5451, 19.3700, 26.4283** is the 20% darker color. If you saturate the color by 10%, you get **34.2154, 35.4296, 53.7511**, and if you desaturate by 10%, it is **47.3615, 49.7910, 55.8303**.

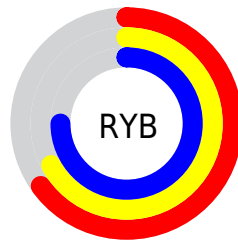
Distribution



Red (65%)

Green (68%)

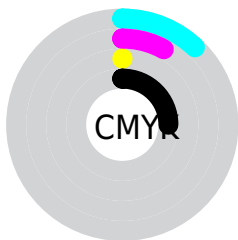
Blue (75%)



Red (65%)

Yellow (67%)

Blue (75%)

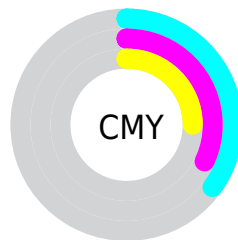


Cyan (12%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3667, 42.2053, 54.7341 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 40.3667, 42.2053, 54.7341 by changing the saturation by 10% instead.

■ 40.3667, 42.2053,
54.7341

■ 40.3667, 42.2053,
54.7341

338.7747,
355.3333, 422.1567

■ 28.0101, 29.2621,
38.7917

■ 75.0024, 78.5102,
98.6185

■ 18.4737, 19.2792,
26.2911

■ 98.0121, 102.6408,
127.3976

■ 11.3924, 11.8722,
16.8139

125.3036,
131.2692, 161.2927

■ 6.4006, 6.6567,
9.9413

157.2422,
164.7798, 200.7223

■ 3.1331, 3.2483,
5.2550

194.1933,
203.5572, 246.1049

■ 1.2246, 1.2627,
2.3363

236.5221,

■ 0.1256, 0.1121,

247.9856, 297.8592

0.7514

284.5942,
298.4495, 356.4036

■ 0.0000, 0.0000,
0.0000

■ 40.3667, 42.2053,
54.7341

■ 40.3667, 42.2053,
54.7341

■ 34.2154, 35.4296,
53.7511

■ 47.3615, 49.7910,
55.8303

■ 28.8709, 29.4310,
52.8750

■ 55.2270, 58.2076,
57.0403

■ 24.2995, 24.1819,
52.1027

■ 63.9939, 67.4820,
58.3684

■ 20.4635, 19.6511,
51.4304

■ 73.6899, 77.6380,
59.8176

■ 17.3217, 15.8050,
50.8536

■ 81.7187, 87.3463,
61.2684

■ 14.8288, 12.6069,
50.3677

■ 85.7538, 95.4165,
62.6134

■ 12.9334, 10.0165,
49.9676

■ 86.2944, 96.4978,
62.7936

■ 11.5754, 7.9874,
49.6475

■ 10.7996, 6.7282,
49.4454

Harmonies

Analogous

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



38.9006, 42.2053, 53.8973



40.3667, 42.2053, 54.7341



41.8000, 42.2053, 53.1008

Triad

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



40.3667, 42.2053, 54.7341



42.5382, 42.2053, 41.3569



37.5444, 42.2053, 42.5298

Complementary

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



40.3667, 42.2053, 54.7341



45.1441, 47.6040, 43.3693

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.



38.4757, 42.2053, 39.4798



40.3667, 42.2053, 54.7341



41.3542, 42.2053, 38.8329

Square

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



40.3667, 42.2053, 54.7341



43.0736, 42.2053, 45.2384



39.8641, 42.2053, 38.1677



37.2949, 42.2053, 46.6779

Rectangle

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



40.3667, 42.2053, 54.7341



42.5365, 42.2053, 50.8877



39.8641, 42.2053, 38.1677



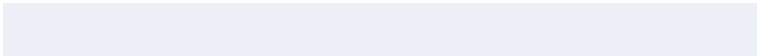
37.7869, 42.2053, 41.3507

Sweetspot

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



40.3680, 42.2071, 54.7350



83.2182, 87.4163, 100.7661



42.8684, 48.4503, 51.7385



18.0549, 18.9591, 22.0932



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.



40.3680, 42.2071, 54.7350



69.4915, 72.4752, 98.6056



39.9557, 40.0384, 54.3382



9.2470, 9.6864, 12.0545



7.2426, 4.5968, 32.8985



0.3432, 0.2991, 1.3085

Inverse Universe

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



42.6949, 41.6416, 45.8338



74.7127, 71.3028, 78.6117



45.5864, 50.0297, 43.8142



9.6465, 9.5829, 10.5277



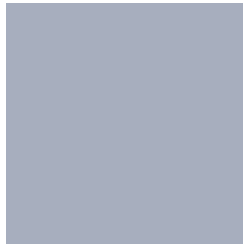
14.6565, 7.4937, 3.4846



0.6041, 0.3055, 0.2947

Previews

White Background



This preview shows how the XYZ color 40.3667, 42.2053, 54.7341 looks on a white background.

Color Contrast Check

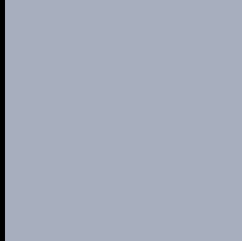
Large Text (above 18pt) WCAG AA × Fail

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 40.3667, 42.2053, 54.7341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

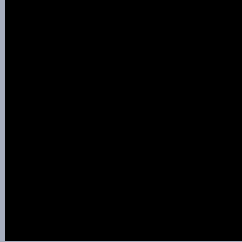
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3667, 42.2053, 54.7341

Background



This preview shows how black text looks on a background with the XYZ color 40.3667, 42.2053, 54.7341.



This preview shows how white text looks on a background with the XYZ color 40.3667, 42.2053,

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

40.3667, 42.2053, 54.7341

Protanopia

41.1421, 42.3319, 54.1466

Deuteranopia

43.1204, 42.2048, 55.1639



Tritanopia

40.1495, 42.1184, 53.5905

Trichromacy



Original Color

40.3667, 42.2053, 54.7341

Protanomaly

40.7064, 42.1073, 54.1262

Deuteranomaly

42.0983, 42.2345, 55.2235

Tritanomaly

40.2577, 42.1617, 54.1603

Monochromacy



Original Color

40.3667, 42.2053, 54.7341

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.1689, 42.2253, 49.2132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3667, 42.2053, 54.7341 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(167, 174, 190)` looks like.

```
.text, #text, p{  
    color:rgb(167, 174, 190)  
}
```

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(167, 174, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 174, 190) }
```

Border

The CSS property to change the border of an element to XYZ 40.3667, 42.2053, 54.7341 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(167, 174, 190) }
```


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

```
.border{ border-color:rgb(167, 174, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 174, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 174, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 174, 190);  
box-shadow:4px 4px 4px 4px rgb(167, 174,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3667, 42.2053, 54.7341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 174, 190) }
```

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

```
.background{ background-color: rgb(167,  
174, 190) }
```

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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