

Converting Colors

XYZ(39.7771, 42.1494, 52.7096)

Have a look what the booklet for
XYZ(39.7771, 42.1494, 52.7096)
contains.

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Color

**XYZ(39.7099, 42.2044,
52.5077)**

Conversions

Conversions Part 1

Format	Color
Hex	A5AFBA
RGB	165, 175, 186
RGB Percent	65%, 69%, 73%
CMY	0.3529, 0.3137, 0.2706
CMYK	0.11, 0.06, 0.00, 0.27
HSL	211°, 13%, 69%
HSV	211°, 11%, 73%
XYZ	39.7099, 42.2044, 52.5077
YIQ	173.2640, -9.4910, 1.3010

Conversions

Conversions Part 2

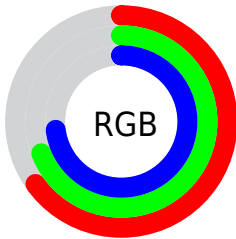
Format	Color
RYB	165, 172, 186
Decimal	10858426
CIELab	71.01, -1.26, -6.82
CIELCh	71, 6.934, 259.499
Yxy	42.2044, 0.2954, 0.3140
Android (android.graphics.Color)	4289048506 (0xFFA5AFBA)
YUV	173.2640, 6.2788, -7.2475
Hunter-Lab	64.9649, -4.5802, -2.4455

Details

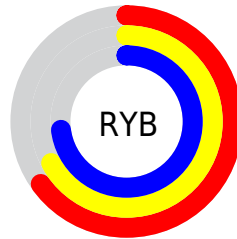
The XYZ color **39.7099, 42.2044, 52.5077** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5667, 44.2061, 41.8871**, and the grayscale version is **39.8286, 41.9027, 45.6321**.

A 20% lighter version of the original color is **73.8390, 78.2201, 95.2107**, and **18.1266, 19.3701, 24.9737** is the 20% darker color. If you saturate the color by 10%, you get **34.2913, 36.6984, 51.7312**, and if you desaturate by 10%, it is **45.8305, 48.2776, 53.3580**.

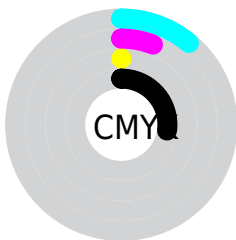
Distribution



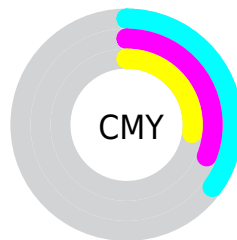
- Red (65%)
- Green (69%)
- Blue (73%)



- Red (65%)
- Yellow (67%)
- Blue (73%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (35%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7099, 42.2044, 52.5077 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 39.7099, 42.2044, 52.5077 by changing the saturation by 10% instead.

■ 39.7099, 42.2044,
52.5077

■ 39.7099, 42.2044,
52.5077

336.0548,
355.3296, 413.4061

■ 27.4956, 29.2614,
37.0249

■ 74.0087, 78.5089,
95.3138

■ 18.0843, 19.2786,
24.9308

■ 96.8240, 102.6391,
123.4741

■ 11.1106, 11.8718,
15.8070

123.9036,
131.2672, 156.6973

■ 6.2091, 6.6564,
9.2348

155.6129,
164.7776, 195.4020

■ 3.0145, 3.2482,
4.7957

192.3174,
203.5546, 240.0067

■ 1.1614, 1.2626,
2.0713

234.3823,

■ 0.0756, 0.1120,

247.9827, 290.9299

0.5986

282.1729,
298.4462, 348.5902

■ 0.0000, 0.0000,
0.0000

■ 39.7099, 42.2044,
52.5077

■ 39.7099, 42.2044,
52.5077

■ 34.2913, 36.6984,
51.7312

■ 45.8305, 48.2776,
53.3580

■ 29.5438, 31.7360,
51.0236

■ 52.6748, 54.9299,
54.2813

■ 25.4398, 27.2998,
50.3836

■ 60.2681, 62.1795,
55.2804

■ 21.9482, 23.3691,
49.8089

■ 68.6336, 70.0422,
56.3571

■ 19.0349, 19.9217,
49.2970

■ 76.6801, 77.9593,
57.4612

■ 16.6625, 16.9333,
48.8453

■ 79.3689, 83.3370,
58.3575

■ 14.7883, 14.3768,
48.4506

■ 82.2101, 89.0193,
59.3045

■ 13.3621, 12.2211,
48.1097

■ 85.2060, 95.0111,
60.3032

■ 12.4018, 10.6227,
47.8518

■ 85.8631, 96.3252,
60.5222

Harmonies

Analogous

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



38.6863, 42.2044, 50.9709



39.7099, 42.2044, 52.5077



40.8613, 42.2044, 52.2254

Triad

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



39.7099, 42.2044, 52.5077



42.2481, 42.2044, 43.8591



38.4459, 42.2044, 41.9381

Complementary

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



39.7099, 42.2044, 52.5077



42.5667, 44.2061, 41.8871

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.



39.3759, 42.2044, 40.2048



39.7099, 42.2044, 52.5077



41.5764, 42.2044, 41.2765

Square

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



39.7099, 42.2044, 52.5077



42.3417, 42.2044, 47.1245



40.5209, 42.2044, 39.9686



37.9659, 42.2044, 44.8019

Rectangle

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



39.7099, 42.2044, 52.5077



41.5459, 42.2044, 51.0477



40.5209, 42.2044, 39.9686



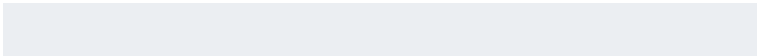
38.7154, 42.2044, 41.2099

Sweetspot

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



39.7111, 42.2062, 52.5086



81.0238, 85.4930, 96.4328



40.8983, 46.2465, 47.7681



17.6385, 18.6255, 21.2080



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.7111, 42.2062, 52.5086



68.9586, 73.4589, 94.7459



37.9087, 38.4931, 51.8869



8.8645, 9.4062, 11.4278



8.4175, 7.2947, 32.2174



0.3588, 0.3812, 1.1564

Inverse Universe

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



41.4436, 40.4454, 46.1819



72.8625, 69.6052, 80.4642



44.5159, 48.2304, 42.5612



9.1779, 9.0815, 10.2844



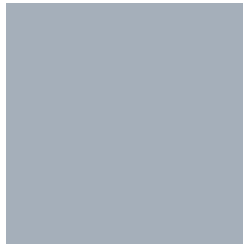
14.8624, 7.5187, 7.1624



0.5553, 0.2776, 0.4174

Previews

White Background



This preview shows how the XYZ color 39.7099, 42.2044, 52.5077 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 39.7099, 42.2044, 52.5077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

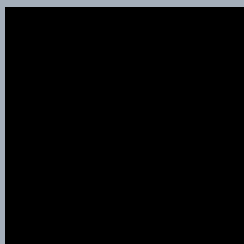
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

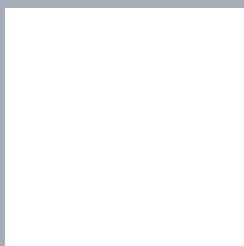
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7099, 42.2044, 52.5077

Background



This preview shows how black text looks on a background with the XYZ color 39.7099, 42.2044, 52.5077.

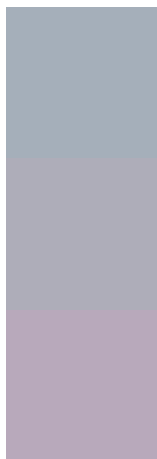


This preview shows how white text looks on a background with the XYZ color 39.7099, 42.2044,

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

39.7099, 42.2044, 52.5077

Protanopia

41.1561, 42.3886, 51.9116

Deuteranopia

42.9248, 42.1541, 52.8879



Tritanopia

39.9241, 42.2901, 53.6355

Trichromacy



Original Color

39.7099, 42.2044, 52.5077

Protanomaly

40.6876, 42.4328, 51.9448

Deuteranomaly

41.6640, 42.0608, 52.9363

Tritanomaly

39.8167, 42.2471, 53.0697

Monochromacy



Original Color

39.7099, 42.2044, 52.5077

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.7495, 42.0325, 48.1375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7099, 42.2044, 52.5077 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(165, 175, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 175, 186) }
```

Border

The CSS property to change the border of an element to XYZ 39.7099, 42.2044, 52.5077 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, 186) }
```


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

```
.border{ border-color:rgb(165, 175, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 175, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 175, 186);  
box-shadow:4px 4px 4px 4px rgb(165, 175,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7099, 42.2044, 52.5077 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, 186) }
```

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

```
.background{ background-color: rgb(165,  
175, 186) }
```

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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