

Converting Colors

XYZ(42.0619, 43.6794, 52.7521)

Have a look what the booklet for
XYZ(42.0619, 43.6794, 52.7521)
contains.

XYZ(42.0675, 43.7098, 52.6740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.0675, 43.7098,
52.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB0BA
RGB	175, 176, 186
RGB Percent	69%, 69%, 73%
CMY	0.3137, 0.3098, 0.2706
CMYK	0.06, 0.05, 0.00, 0.27
HSL	235°, 7%, 71%
HSV	235°, 6%, 73%
XYZ	42.0675, 43.7098, 52.6740
YIQ	176.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

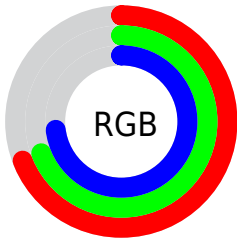
Format	Color
RYB	175, 176, 186
Decimal	11514042
CIELab	72.03, 1.58, -5.22
CIELCh	72, 5.456, 286.885
Yxy	43.7098, 0.3038, 0.3157
Android (android.graphics.Color)	4289704122 (0xFFAFB0BA)
YUV	176.8410, 4.5154, -1.6146
Hunter-Lab	66.1134, -2.1201, -0.9583

Details

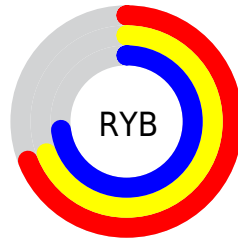
The XYZ color **42.0675, 43.7098, 52.6740** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.3367, 48.2319, 47.4785**, and the grayscale version is **41.6861, 43.8570, 47.7603**.

A 20% lighter version of the original color is **77.8386, 81.1130, 95.5582**, and **19.6097, 20.3197, 25.0789** is the 20% darker color. If you saturate the color by 10%, you get **35.0664, 35.4836, 51.4559**, and if you desaturate by 10%, it is **50.0590, 53.0617, 54.0586**.

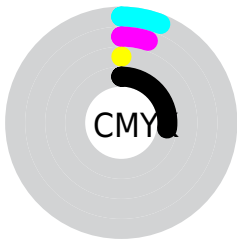
Distribution



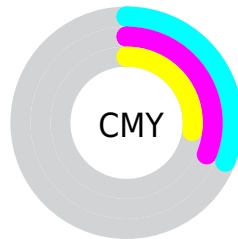
- Red (69%)
- Green (69%)
- Blue (73%)



- Red (69%)
- Yellow (69%)
- Blue (73%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0675, 43.7098, 52.6740 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 42.0675, 43.7098, 52.6740 by changing the saturation by 10% instead.

■ 42.0675, 43.7098,
52.6740

■ 42.0675, 43.7098,
52.6740

345.7495,
361.5227, 414.0639

■ 29.3455, 30.4424,
37.1566

■ 77.5663, 80.7809,
95.5612

■ 19.4879, 20.1746,
25.0321

101.0738,
105.3534, 123.7681

■ 12.1295, 12.5221,
15.8817

128.9072,
134.4631, 157.0419

■ 6.9047, 7.1003,
9.2870

161.4318,
168.4943, 195.8012

■ 3.4484, 3.5249,
4.8295

199.0129,
207.8315, 240.4645

■ 1.3951, 1.4115,
2.0906

242.0161,

■ 0.2527, 0.2252,

252.8590, 291.4504

0.6102

290.8065,
303.9613, 349.1773

■ 0.0000, 0.0000,
0.0000

■ 42.0675, 43.7098,
52.6740

■ 42.0675, 43.7098,
52.6740

■ 35.0664, 35.4836,
51.4559

■ 50.0590, 53.0617,
54.0586

■ 29.0134, 28.3353,
50.3951

■ 59.0734, 63.5738,
55.6125

■ 23.8687, 22.2219,
49.4863

■ 69.1466, 75.2860,
57.3423

■ 19.5885, 17.0952,
48.7223

■ 80.3113, 88.2345,
59.2531

■ 16.1250, 12.9034,
48.0958

■ 85.8631, 96.3252,
60.5222

■ 13.4259, 9.5897,
47.5984

■ 11.4329, 7.0914,
47.2212

■ 10.0790, 5.3371,
46.9540

■ 9.2819, 4.2417,
46.7846

Harmonies

Analogous

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



41.1396, 43.7098, 52.7676



42.0675, 43.7098, 52.6740



42.8667, 43.7098, 51.1868

Triad

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



42.0675, 43.7098, 52.6740



42.7816, 43.7098, 43.9438



39.8240, 43.7098, 46.4376

Complementary

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



42.0675, 43.7098, 52.6740



45.3367, 48.2319, 47.4785

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.



40.2505, 43.7098, 44.1706



42.0675, 43.7098, 52.6740



41.9528, 43.7098, 42.7674

Square

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



42.0675, 43.7098, 52.6740



43.2832, 43.7098, 46.1175



41.0266, 43.7098, 42.8489



39.8537, 43.7098, 49.0987

Rectangle

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



42.0675, 43.7098, 52.6740



43.2148, 43.7098, 49.6357



41.0266, 43.7098, 42.8489



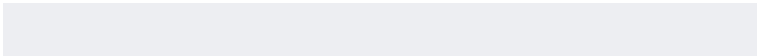
39.9185, 43.7098, 45.6062

Sweetspot

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



42.0688, 43.7117, 52.6750



81.6549, 85.5599, 96.4124



43.9853, 47.7311, 52.7390



18.0143, 18.8798, 21.2373



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.



42.0688, 43.7117, 52.6750



74.6320, 77.3300, 95.1940



42.8767, 43.8374, 52.6567



8.8785, 9.1919, 11.3857



6.1221, 2.7039, 31.4523



0.2379, 0.1396, 1.1161

Inverse Universe

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



43.4172, 44.2346, 47.3262



77.5509, 78.4673, 83.6141



44.4946, 48.1101, 47.4994



9.2442, 9.3346, 9.9350



13.7038, 7.0553, 1.0613



0.4943, 0.2532, 0.0962

Previews

White Background



This preview shows how the XYZ color 42.0675, 43.7098, 52.6740 looks on a white background.

Color Contrast Check

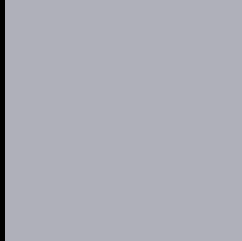
Large Text (above 18pt) WCAG AA × Fail

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 42.0675, 43.7098, 52.6740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

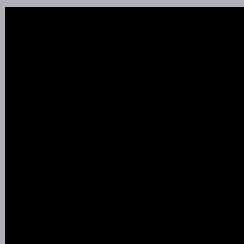
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

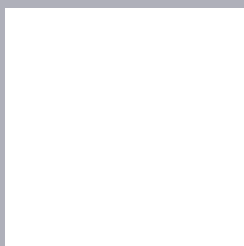
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0675, 43.7098, 52.6740

Background



This preview shows how black text looks on a background with the XYZ color 42.0675, 43.7098, 52.6740.



This preview shows how white text looks on a background with the XYZ color 42.0675, 43.7098,

52.6740.

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

42.0675, 43.7098, 52.6740

Protanopia

42.3244, 43.5522, 52.6301

Deuteranopia

44.5188, 43.5325, 53.0699



Tritanopia

42.4198, 43.5642, 54.3171

Trichromacy



Original Color

42.0675, 43.7098, 52.6740

Protanomaly

42.0974, 43.4352, 52.6194

Deuteranomaly

43.6804, 43.6653, 53.1398

Tritanomaly

42.3116, 43.5209, 53.7473

Monochromacy



Original Color

42.0675, 43.7098, 52.6740

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8649, 43.9697, 49.4605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0675, 43.7098, 52.6740 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(175, 176, 186)` looks like.

```
.text, #text, p{  
    color:rgb(175, 176, 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(175, 176, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 176, 186) }
```

Border

The CSS property to change the border of an element to XYZ 42.0675, 43.7098, 52.6740 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(175, 176, 186) }
```


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

```
.border{ border-color:rgb(175, 176, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 176, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 176, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 176, 186);  
box-shadow:4px 4px 4px 4px rgb(175, 176,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0675, 43.7098, 52.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 176, 186) }
```

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

```
.background{ background-color: rgb(175,  
176, 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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