

Converting Colors

XYZ(42.3585, 43.2636, 51.0182)

Have a look what the booklet for
XYZ(42.3585, 43.2636, 51.0182)
contains.

XYZ(42.2737, 43.2747, 50.9245)	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(42.2737, 43.2747,
50.9245)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AEB7
RGB	179, 174, 183
RGB Percent	70%, 68%, 72%
CMY	0.2980, 0.3176, 0.2823
CMYK	0.02, 0.05, 0.00, 0.28
HSL	273°, 6%, 70%
HSV	273°, 5%, 72%
XYZ	42.2737, 43.2747, 50.9245
YIQ	176.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

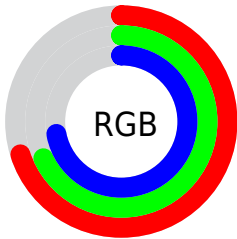
Format	Color
RYB	179, 174, 183
Decimal	11775671
CIELab	71.74, 3.47, -3.97
CIELCh	72, 5.271, 311.166
Yxy	43.2747, 0.3098, 0.3171
Android (android.graphics.Color)	4289965751 (0xFFB3AEB7)
YUV	176.5210, 3.1941, 2.1741
Hunter-Lab	65.7835, -0.4137, 0.1507

Details

The XYZ color **42.2737, 43.2747, 50.9245** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.9351, 46.3891, 46.7376**, and the grayscale version is **41.5237, 43.6862, 47.5743**.

A 20% lighter version of the original color is **77.8602, 79.9328, 92.9862**, and **19.5930, 19.9664, 23.9403** is the 20% darker color. If you saturate the color by 10%, you get **37.1516, 35.7395, 49.7407**, and if you desaturate by 10%, it is **47.9910, 51.8341, 52.2760**.

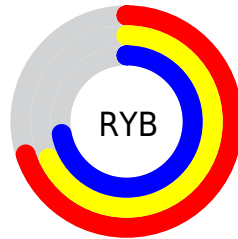
Distribution



Red (70%)

Green (68%)

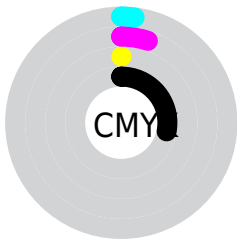
Blue (72%)



Red (70%)

Yellow (68%)

Blue (72%)

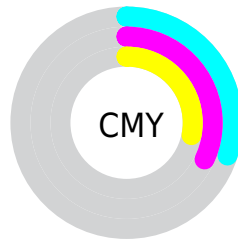


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (28%)



Cyan (30%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2737, 43.2747, 50.9245 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 42.2737, 43.2747, 50.9245 by changing the saturation by 10% instead.

■ 42.2737, 43.2747,
50.9245

■ 42.2737, 43.2747,
50.9245

346.5886,
359.7403, 407.1086

■ 29.5077, 30.1007,
35.7722

■ 77.8763, 80.1252,
92.9535

■ 19.6114, 19.9150,
23.9700

101.4435,
104.5706, 120.6673

■ 12.2195, 12.3333,
15.0994

129.3420,
133.5418, 153.4054

■ 6.9666, 6.9711,
8.7418

161.9369,
167.4233, 191.5863

■ 3.4874, 3.4440,
4.4786

199.5936,
206.5995, 235.6285

■ 1.4164, 1.3677,
1.8914

242.6776,

■ 0.2679, 0.1927,

251.4548, 285.9506

0.4873

291.5542,
302.3736, 342.9711

■ 0.0000, 0.0000,
0.0000

■ 42.2737, 43.2747,
50.9245

■ 42.2737, 43.2747,
50.9245

■ 37.1516, 35.7395,
49.7407

■ 47.9910, 51.8341,
52.2760

■ 32.5995, 29.1834,
48.7151

■ 54.3197, 61.4497,
53.7984

■ 28.5963, 23.5658,
47.8418

■ 61.2803, 72.1587,
55.4986

■ 25.1177, 18.8413,
47.1133

■ 68.8910, 83.9952,
57.3821

■ 22.1374, 14.9606,
46.5213

■ 73.7259, 90.1047,
58.3066

19.6268, 11.8693,
46.0569

76.2439, 91.4029,
58.4244

17.5538, 9.5067,
45.7101

78.8834, 92.7636,
58.5479

15.8817, 7.8025,
45.4693

81.6460, 94.1877,
58.6772

14.5660, 6.6716,
45.3204

84.5332, 95.6761,
58.8123

Harmonies

Analogous

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



41.4652, 43.2747, 52.1177



42.2737, 43.2747, 50.9245



42.7805, 43.2747, 48.7267

Triad

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



42.2737, 43.2747, 50.9245



41.6890, 43.2747, 42.6094



39.4671, 43.2747, 48.0790

Complementary

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



42.2737, 43.2747, 50.9245



42.9351, 46.3891, 46.7376

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.



39.5251, 43.2747, 45.5467



42.2737, 43.2747, 50.9245



40.7992, 43.2747, 42.4502

Square

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



42.2737, 43.2747, 50.9245



42.4395, 43.2747, 43.9507



40.0097, 43.2747, 43.5076



39.8502, 43.2747, 50.4356

Rectangle

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



42.2737, 43.2747, 50.9245



42.8747, 43.2747, 47.0186



40.0097, 43.2747, 43.5076



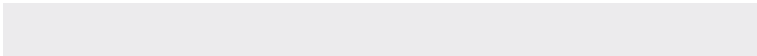
39.4358, 43.2747, 47.2191

Sweetspot

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



42.2749, 43.2766, 50.9254



79.5768, 83.2624, 92.1128



41.9348, 44.2799, 51.1370



17.5878, 18.4077, 20.3477



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



42.2749, 43.2766, 50.9254



74.5728, 75.8160, 90.9393



43.1662, 43.7414, 50.7231



9.3154, 9.4463, 11.4118



9.8370, 4.3824, 31.5805



0.4168, 0.1906, 1.1166

Inverse Universe

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



42.7019, 43.5557, 48.2781



75.5191, 76.4344, 85.0826



42.0746, 45.9403, 46.9267



9.4427, 9.5295, 10.6244



14.7023, 7.4547, 6.3193



0.5495, 0.2753, 0.3873

Previews

White Background



This preview shows how the XYZ color 42.2737, 43.2747, 50.9245 looks on a white background.

Color Contrast Check

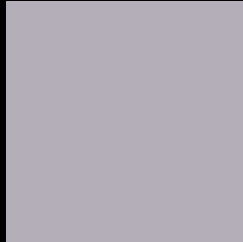
Large Text (above 18pt) WCAG AA × Fail

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 42.2737, 43.2747, 50.9245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

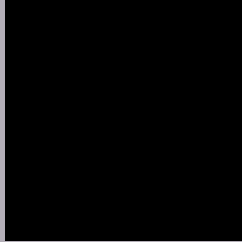
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2737, 43.2747, 50.9245

Background



This preview shows how black text looks on a background with the XYZ color 42.2737, 43.2747, 50.9245.

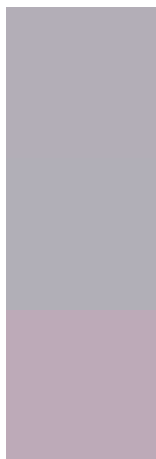


This preview shows how white text looks on a background with the XYZ color 42.2737, 43.2747,

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

42.2737, 43.2747, 50.9245

Protanopia

42.0087, 43.4260, 50.9677

Deuteranopia

44.0127, 43.0290, 51.3331



Tritanopia

42.7356, 43.1783, 53.0955

Trichromacy



Original Color

42.2737, 43.2747, 50.9245

Protanomaly

42.2373, 43.5438, 50.9784

Deuteranomaly

43.2222, 42.9008, 51.3500

Tritanomaly

42.6289, 43.1356, 52.5336

Monochromacy



Original Color

42.2737, 43.2747, 50.9245

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.0221, 43.7703, 48.8815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2737, 43.2747, 50.9245 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(179, 174, 183) looks like.

```
.text, #text, p{  
    color:rgb(179, 174, 183)  
}
```

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(179, 174, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 174, 183) }
```

Border

The CSS property to change the border of an element to XYZ 42.2737, 43.2747, 50.9245 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(179, 174, 183) }
```


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

```
.border{ border-color:rgb(179, 174, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 174, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 174, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 174, 183);  
box-shadow:4px 4px 4px 4px rgb(179, 174,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2737, 43.2747, 50.9245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 174, 183) }
```

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

```
.background{ background-color: rgb(179,  
174, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor