

Converting Colors

XYZ(41.6874, 42.6505, 51.4274)

Have a look what the booklet for
XYZ(41.6874, 42.6505, 51.4274)
contains.

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Color

**XYZ(41.7268, 42.6949,
51.3891)**

Conversions

Conversions Part 1

Format	Color
Hex	B1ADB8
RGB	177, 173, 184
RGB Percent	69%, 68%, 72%
CMY	0.3059, 0.3216, 0.2784
CMYK	0.04, 0.06, 0.00, 0.28
HSL	262°, 7%, 70%
HSV	262°, 6%, 72%
XYZ	41.7268, 42.6949, 51.3891
YIQ	175.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

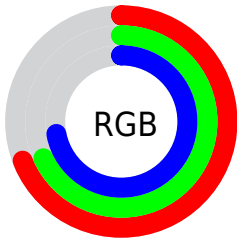
Format	Color
R _Y B	177, 173, 184
Decimal	11644344
CIE Lab	71.35, 3.51, -5.12
CIE LCh	71, 6.207, 304.470
Yxy	42.6949, 0.3072, 0.3144
Android (android.graphics.Color)	4289834424 (0xFFB1ADB8)
YUV	175.4500, 4.2152, 1.3594
Hunter-Lab	65.3413, -0.3577, -0.8910

Details

The XYZ color **41.7268, 42.6949, 51.3891** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.5071, 47.0025, 46.3165**, and the grayscale version is **40.9610, 43.0942, 46.9296**.

A 20% lighter version of the original color is **77.0759, 79.1017, 93.6439**, and **19.2463, 19.5985, 24.2412** is the 20% darker color. If you saturate the color by 10%, you get **35.8849, 34.8023, 50.1742**, and if you desaturate by 10%, it is **48.2860, 51.6810, 52.7785**.

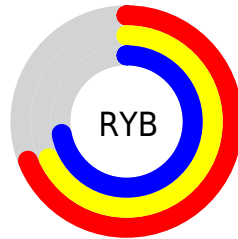
Distribution



Red (69%)

Green (68%)

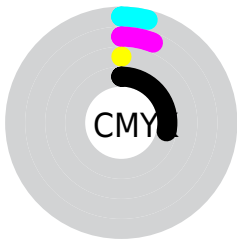
Blue (72%)



Red (69%)

Yellow (68%)

Blue (72%)

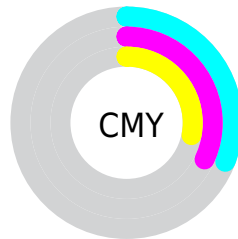


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7268, 42.6949, 51.3891 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 41.7268, 42.6949, 51.3891 by changing the saturation by 10% instead.

■ 41.7268, 42.6949,
51.3891

■ 41.7268, 42.6949,
51.3891

344.3601,
357.3555, 408.9633

■ 29.0776, 29.6458,
36.1395

■ 77.0537, 79.2502,
93.6471

■ 19.2841, 19.5699,
24.2514

100.4622,
103.5253, 121.4925

■ 11.9810, 12.0828,
15.3063

128.1878,
132.3111, 154.3736

■ 6.8028, 6.8001,
8.8856

160.5959,
165.9921, 192.7089

■ 3.3843, 3.3374,
4.5709

198.0518,
204.9526, 236.9170

■ 1.3601, 1.3103,
1.9435

240.9209,

■ 0.2275, 0.1492,

249.5771, 287.4164

0.5202

289.5685,
300.2500, 344.6256

■ 0.0000, 0.0000,
0.0000

■ 41.7268, 42.6949,
51.3891

■ 41.7268, 42.6949,
51.3891

■ 35.8849, 34.8023,
50.1742

■ 48.2860, 51.6810,
52.7785

■ 30.7312, 27.9553,
49.1243

■ 55.5830, 61.7952,
54.3462

■ 26.2399, 22.1105,
48.2328

■ 63.6420, 73.0772,
56.0991

■ 22.3820, 17.2193,
47.4920

■ 72.4848, 85.5634,
58.0431

■ 19.1264, 13.2289,
46.8934

■ 78.8573, 92.7380,
59.0921

■ 16.4390, 10.0813,
46.4275

■ 82.8647, 94.8039,
59.2796

■ 14.2818, 7.7114,
46.0838

■ 85.6519, 96.2407,
59.4100

■ 12.6117, 6.0440,
45.8500

■ 11.3750, 4.9839,
45.7105

Harmonies

Analogous

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



40.7369, 42.6949, 52.4567



41.7268, 42.6949, 51.3891



42.4184, 42.6949, 49.0090

Triad

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



41.7268, 42.6949, 51.3891



41.4514, 42.6949, 41.4912



38.6120, 42.6949, 46.9370

Complementary

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



41.7268, 42.6949, 51.3891



43.5071, 47.0025, 46.3165

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.



38.7960, 42.6949, 44.0540



41.7268, 42.6949, 51.3891



40.4240, 42.6949, 40.9892

Square

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



41.7268, 42.6949, 51.3891



42.2575, 42.6949, 43.3095



39.4548, 42.6949, 41.9079



38.9480, 42.6949, 49.8172

Rectangle

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



41.7268, 42.6949, 51.3891



42.6109, 42.6949, 47.0436



39.4548, 42.6949, 41.9079



38.6151, 42.6949, 45.9358

Sweetspot

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



41.7280, 42.6967, 51.3900



80.1729, 83.5804, 94.1117



42.2383, 45.0494, 51.8173



17.3106, 18.0551, 20.2942



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.



41.7280, 42.6967, 51.3900



74.3699, 75.6680, 92.8903



42.9707, 43.3374, 51.4482



9.0711, 9.2132, 11.3797



7.6243, 3.2417, 31.4769



0.3378, 0.1499, 1.1129

Inverse Universe

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



42.9504, 43.3746, 49.2903



76.9939, 77.1235, 88.3696



42.2855, 46.3727, 46.2593



9.4082, 9.4002, 10.7985



15.8757, 7.9240, 12.4982



0.5882, 0.2908, 0.5911

Previews

White Background



This preview shows how the XYZ color 41.7268, 42.6949, 51.3891 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 41.7268, 42.6949, 51.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

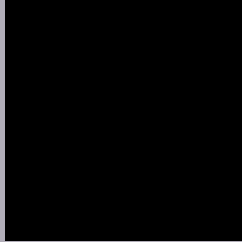
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

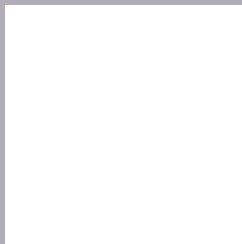
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.7268, 42.6949, 51.3891

Background



This preview shows how black text looks on a background with the XYZ color 41.7268, 42.6949, 51.3891.



This preview shows how white text looks on a background with the XYZ color 41.7268, 42.6949,

51.3891.

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

41.7268, 42.6949, 51.3891

Protanopia

41.4670, 42.8468, 51.4321

Deuteranopia

43.6252, 42.8170, 51.8642



Tritanopia

41.9380, 42.7794, 52.5013

Trichromacy



Original Color

41.7268, 42.6949, 51.3891

Protanomaly

41.6923, 42.9629, 51.4427

Deuteranomaly

42.8483, 42.6959, 51.8817

Tritanomaly

41.8320, 42.7370, 51.9432

Monochromacy



Original Color

41.7268, 42.6949, 51.3891

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0764, 42.7166, 48.1996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7268, 42.6949, 51.3891 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(177, 173, 184)` looks like.

```
.text, #text, p{  
    color:rgb(177, 173, 184)  
}
```

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(177, 173, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 173, 184) }
```

Border

The CSS property to change the border of an element to XYZ 41.7268, 42.6949, 51.3891 is called "border". The border property can be set on classes, ids or directly on the HTML element.

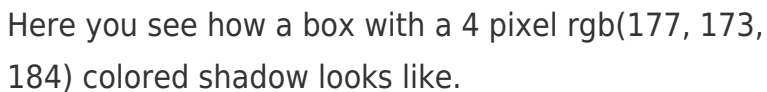
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 173, 184) }
```


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

```
.border{ border-color:rgb(177, 173, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 173, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 173, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 173, 184); box-shadow:4px 4px 4px 4px rgb(177, 173, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7268, 42.6949, 51.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 173, 184) }
```

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

```
.background{ background-color: rgb(177,  
173, 184) }
```

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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