

Converting Colors

XYZ(41.9847, 42.3157, 53.8311)

Have a look what the booklet for
XYZ(41.9847, 42.3157, 53.8311)
contains.

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Color

**XYZ(41.8797, 42.1471,
54.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	B1ABBD
RGB	177, 171, 189
RGB Percent	69%, 67%, 74%
CMY	0.3059, 0.3294, 0.2588
CMYK	0.06, 0.10, 0.00, 0.26
HSL	260°, 12%, 71%
HSV	260°, 10%, 74%
XYZ	41.8797, 42.1471, 54.0720
YIQ	174.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

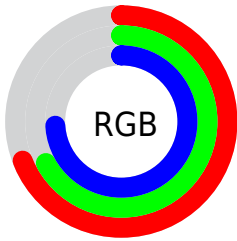
Format	Color
R _{YB}	177, 171, 189
Decimal	11643837
CIE Lab	70.97, 5.59, -8.43
CIE LCh	71, 10.115, 303.573
Yxy	42.1471, 0.3033, 0.3052
Android (android.graphics.Color)	4289833917 (0xFFB1ABBD)
YUV	174.8460, 6.9779, 1.8891
Hunter-Lab	64.9208, 1.5370, -3.9376

Details

The XYZ color **41.8797, 42.1471, 54.0720** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.0783, 49.4039, 45.6902**, and the grayscale version is **40.6349, 42.7511, 46.5559**.

A 20% lighter version of the original color is **77.2821, 78.3089, 97.4281**, and **19.3529, 19.2563, 25.9894** is the 20% darker color. If you saturate the color by 10%, you get **35.8230, 34.0996, 52.8385**, and if you desaturate by 10%, it is **48.7144, 51.3558, 55.4899**.

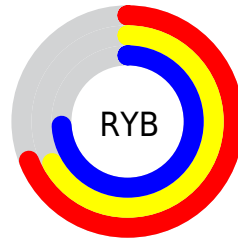
Distribution



Red (69%)

Green (67%)

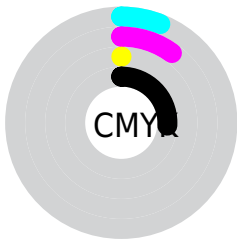
Blue (74%)



Red (69%)

Yellow (67%)

Blue (74%)

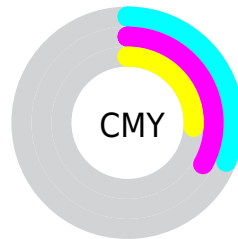


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (26%)



Cyan (31%)

Magenta (33%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8797, 42.1471, 54.0720 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 41.8797, 42.1471, 54.0720 by changing the saturation by 10% instead.

■ 41.8797, 42.1471,
54.0720

■ 41.8797, 42.1471,
54.0720

344.9841,
355.0924, 419.5669

■ 29.1978, 29.2165,
38.2657

■ 77.2838, 78.4222,
97.6374

■ 19.3755, 19.2447,
25.8855

100.7368,
102.5355, 126.2336

■ 12.0476, 11.8472,
16.5130

128.5108,
131.1451, 159.9301

■ 6.8485, 6.6397,
9.7296

160.9712,
164.6355, 199.1455

■ 3.4130, 3.2378,
5.1168

198.4834,
203.3910, 244.2983

■ 1.3758, 1.2571,
2.2560

241.4127,

■ 0.2389, 0.1076,

247.7961, 295.8072

0.7064

290.1245,
298.2351, 354.0905

■ 0.0000, 0.0000,
0.0000

■ 41.8797, 42.1471,
54.0720

■ 41.8797, 42.1471,
54.0720

■ 35.8230, 34.0996,
52.8385

■ 48.7144, 51.3558,
55.4899

■ 30.5120, 27.1611,
51.7792

■ 56.3507, 61.7644,
57.0965

■ 25.9173, 21.2833,
50.8868

■ 64.8154, 73.4165,
58.8994

■ 22.0061, 16.4124,
50.1528

■ 74.1332, 86.3517,
60.9050

■ 18.7431, 12.4896,
49.5676

■ 80.8843, 93.7214,
61.9717

■ 16.0892, 9.4497,
49.1207

■ 85.3126, 96.0042,
62.1790

■ 14.0008, 7.2192,
48.8003

■ 86.1854, 96.4542,
62.2198

■ 12.4274, 5.7117,
48.5922

■ 11.2827, 4.7699,
48.4708

Harmonies

Analogous

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



40.2620, 42.1471, 55.7982



41.8797, 42.1471, 54.0720



43.0342, 42.1471, 50.1497

Triad

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



41.8797, 42.1471, 54.0720



41.5202, 42.1471, 38.0667



36.9094, 42.1471, 46.4722

Complementary

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



41.8797, 42.1471, 54.0720



45.0783, 49.4039, 45.6902

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.



37.2252, 42.1471, 41.8805



41.8797, 42.1471, 54.0720



39.8578, 42.1471, 37.2320

Square

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



41.8797, 42.1471, 54.0720



42.8226, 42.1471, 40.9445



38.2929, 42.1471, 38.5799



37.4180, 42.1471, 51.2207

Rectangle

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



41.8797, 42.1471, 54.0720



43.3692, 42.1471, 46.9385



38.2929, 42.1471, 38.5799



36.9228, 42.1471, 44.8592

Sweetspot

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



41.8809, 42.1489, 54.0729



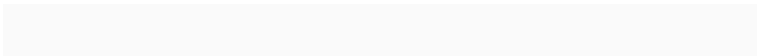
82.7696, 85.9215, 98.4483



42.9768, 46.3243, 54.8211



17.5842, 18.1870, 21.1262



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.



41.8809, 42.1489, 54.0729



73.1189, 72.9626, 96.4556



43.9264, 43.2034, 54.1687



9.3080, 9.3757, 11.9913



7.6318, 3.2204, 32.6123



0.3697, 0.1626, 1.2808

Inverse Universe

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



44.0979, 43.3655, 50.8480



77.7398, 75.4990, 89.7003



43.0722, 48.3697, 45.5963



9.7911, 9.6407, 11.2890



16.6914, 8.3077, 14.2006



0.6830, 0.3371, 0.7099

Previews

White Background



This preview shows how the XYZ color 41.8797, 42.1471, 54.0720 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 41.8797, 42.1471, 54.0720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

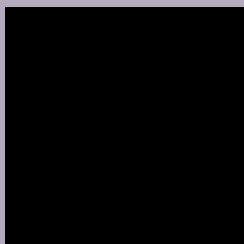
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

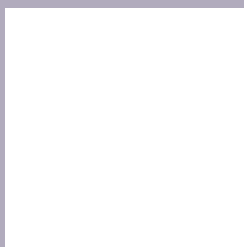
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8797, 42.1471, 54.0720

Background



This preview shows how black text looks on a background with the XYZ color 41.8797, 42.1471, 54.0720.



This preview shows how white text looks on a background with the XYZ color 41.8797, 42.1471,

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

41.8797, 42.1471, 54.0720

Protanopia

41.2511, 42.3755, 54.7203

Deuteranopia

42.9017, 42.1173, 54.0124



Tritanopia

41.4140, 42.2379, 51.8689

Trichromacy



Original Color

41.8797, 42.1471, 54.0720

Protanomaly

41.5023, 42.2214, 54.6773

Deuteranomaly

42.6161, 42.2473, 54.0526

Tritanomaly

41.5199, 42.2803, 52.4270

Monochromacy



Original Color

41.8797, 42.1471, 54.0720

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2788, 42.7975, 49.2651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8797, 42.1471, 54.0720 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, 171, 189)` looks like.

```
.text, #text, p{  
    color:rgb(177, 171, 189)  
}
```

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, 171, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 171, 189) }
```

Border

The CSS property to change the border of an element to XYZ 41.8797, 42.1471, 54.0720 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, 171, 189) }
```


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

```
.border{ border-color:rgb(177, 171, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 171, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 171, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 171, 189);  
box-shadow:4px 4px 4px 4px rgb(177, 171,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8797, 42.1471, 54.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 171, 189) }
```

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

```
.background{ background-color: rgb(177,  
171, 189) }
```

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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