

Converting Colors

XYZ(41.9885, 42.5179, 51.3645)

Have a look what the booklet for
XYZ(41.9885, 42.5179, 51.3645)
contains.

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Color

**XYZ(41.9947, 42.5494,
51.3469)**

Conversions

Conversions Part 1

Format	Color
Hex	B3ACB8
RGB	179, 172, 184
RGB Percent	70%, 67%, 72%
CMY	0.2980, 0.3255, 0.2784
CMYK	0.03, 0.07, 0.00, 0.28
HSL	275°, 8%, 70%
HSV	275°, 7%, 72%
XYZ	41.9947, 42.5494, 51.3469
YIQ	175.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

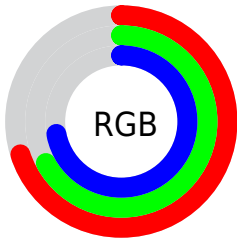
Format	Color
RYB	179, 172, 184
Decimal	11775160
CIELab	71.25, 4.75, -5.25
CIElCh	71, 7.079, 312.177
Yxy	42.5494, 0.3090, 0.3131
Android (android.graphics.Color)	4289965240 (0xFFB3ACB8)
YUV	175.4610, 4.2097, 3.1037
Hunter-Lab	65.2299, 0.7651, -1.0103

Details

The XYZ color **41.9947, 42.5494, 51.3469** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7198, 46.6077, 45.7764**, and the grayscale version is **40.9662, 43.0996, 46.9355**.

A 20% lighter version of the original color is **77.4582, 78.8916, 93.5832**, and **19.4174, 19.5073, 24.2146** is the 20% darker color. If you saturate the color by 10%, you get **37.0096, 35.1369, 50.1795**, and if you desaturate by 10%, it is **47.5657, 50.9861, 52.6824**.

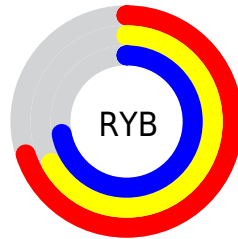
Distribution



Red (70%)

Green (67%)

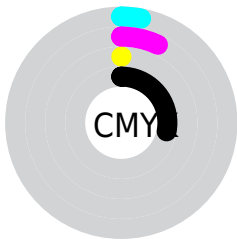
Blue (72%)



Red (70%)

Yellow (67%)

Blue (72%)

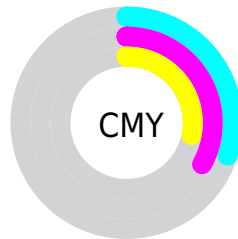


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (30%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9947, 42.5494, 51.3469 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 41.9947, 42.5494, 51.3469 by changing the saturation by 10% instead.

■ 41.9947, 42.5494,
51.3469

■ 41.9947, 42.5494,
51.3469

345.4530,
356.7554, 408.7950

■ 29.2882, 29.5317,
36.1061

■ 77.4568, 79.0304,
93.5841

■ 19.4443, 19.4834,
24.2258

100.9432,
103.2626, 121.4176

■ 12.0977, 12.0201,
15.2875

128.7535,
132.0017, 154.2857

■ 6.8829, 6.7574,
8.8725

161.2533,
165.6322, 192.6070

■ 3.4347, 3.3108,
4.5625

198.8077,
204.5384, 236.8001

■ 1.3876, 1.2961,
1.9387

241.7823,

■ 0.2473, 0.1382,

249.1047, 287.2834

0.5172

290.5422,
299.7156, 344.4756

■ 0.0000, 0.0000,
0.0000

■ 41.9947, 42.5494,
51.3469

■ 41.9947, 42.5494,
51.3469

■ 37.0096, 35.1369,
50.1795

■ 47.5657, 50.9861,
52.6824

■ 32.5853, 28.7026,
49.1708

■ 53.7391, 60.4797,
54.1894

■ 28.7003, 23.2054,
48.3145

■ 60.5353, 71.0680,
55.8750

■ 25.3300, 18.5986,
47.6029

■ 67.9727, 82.7856,
57.7447

■ 22.4480, 14.8318,
47.0277

■ 73.1284, 89.7847,
58.8239

■ 20.0251, 11.8492,
46.5797

■ 75.4657, 90.9896,
58.9333

■ 18.0285, 9.5880,
46.2485

■ 77.9104, 92.2499,
59.0477

■ 16.4204, 7.9754,
46.0220

■ 80.4638, 93.5662,
59.1672

■ 15.1508, 6.9142,
45.8841

■ 83.1273, 94.9393,
59.2919

Harmonies

Analogous

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



40.9255, 42.5494, 53.0208



41.9947, 42.5494, 51.3469



42.6552, 42.5494, 48.3599

Triad

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



41.9947, 42.5494, 51.3469



41.1450, 42.5494, 40.3774



38.2504, 42.5494, 47.7223

Complementary

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



41.9947, 42.5494, 51.3469



42.7198, 46.6077, 45.7764

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.



38.3066, 42.5494, 44.3559



41.9947, 42.5494, 51.3469



39.9621, 42.5494, 40.2255

Square

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



41.9947, 42.5494, 51.3469



42.1580, 42.5494, 42.0751



38.9279, 42.5494, 41.6493



38.7730, 42.5494, 50.8606

Rectangle

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



41.9947, 42.5494, 51.3469



42.7672, 42.5494, 46.0811



38.9279, 42.5494, 41.6493



38.2025, 42.5494, 46.5779

Sweetspot

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



41.9959, 42.5512, 51.3478



80.5251, 83.7619, 94.1282



41.4282, 43.7563, 51.6104



17.3826, 18.0922, 20.2976



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.



41.9959, 42.5512, 51.3478



74.5989, 74.8425, 92.7189



43.0890, 43.1244, 50.9625



9.0094, 8.9712, 11.3362



10.2504, 4.5955, 31.5998



0.4301, 0.1974, 1.1172

Inverse Universe

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



42.4569, 42.8715, 47.6341



75.6396, 75.5648, 84.3731



41.6787, 46.0621, 46.1299



9.1557, 9.0726, 10.1671



14.5723, 7.4027, 5.6347



0.5447, 0.2734, 0.3620

Previews

White Background



This preview shows how the XYZ color 41.9947, 42.5494, 51.3469 looks on a white background.

Color Contrast Check

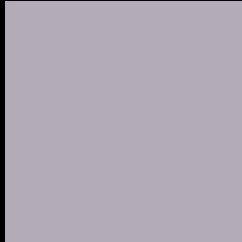
Large Text (above 18pt) WCAG AA × Fail

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 41.9947, 42.5494, 51.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

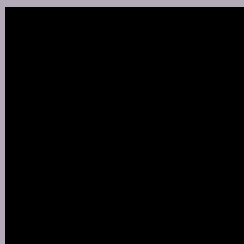
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

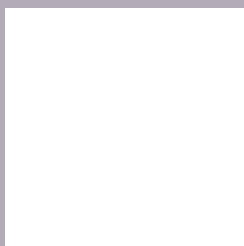
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9947, 42.5494, 51.3469

Background



This preview shows how black text looks on a background with the XYZ color 41.9947, 42.5494, 51.3469.

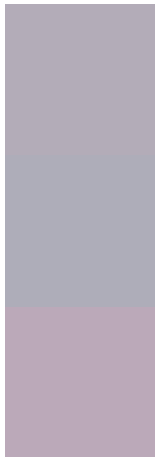


This preview shows how white text looks on a background with the XYZ color 41.9947, 42.5494,

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

41.9947, 42.5494, 51.3469

Protanopia

41.1561, 42.3886, 51.9116

Deuteranopia

43.4384, 42.4435, 51.8019



Tritanopia

42.0999, 42.5915, 51.9010

Trichromacy



Original Color

41.9947, 42.5494, 51.3469

Protanomaly

41.6050, 42.6200, 51.9326

Deuteranomaly

42.8988, 42.4426, 51.8302

Tritanomaly

42.0999, 42.5915, 51.9010

Monochromacy



Original Color

41.9947, 42.5494, 51.3469

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 41.9947, 42.5494, 51.3469 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, 172, 184)` looks like.

```
.text, #text, p{  
    color:rgb(179, 172, 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(179, 172, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 172, 184) }
```

Border

The CSS property to change the border of an element to XYZ 41.9947, 42.5494, 51.3469 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, 172, 184) }
```


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

```
.border{ border-color:rgb(179, 172, 184) }
```

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

Here you see how a box with a 4 pixel rgb(179, 172, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 172, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 172, 184);  
box-shadow:4px 4px 4px 4px rgb(179, 172,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9947, 42.5494, 51.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 172, 184) }
```

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

```
.background{ background-color: rgb(179,  
172, 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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