

Converting Colors

XYZ(41.8579, 42.3525, 52.9149)

Have a look what the booklet for
XYZ(41.8579, 42.3525, 52.9149)
contains.

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Color

**XYZ(41.8536, 42.4400,
52.9995)**

Conversions

Conversions Part 1

Format	Color
Hex	B1ACBB
RGB	177, 172, 187
RGB Percent	69%, 67%, 73%
CMY	0.3059, 0.3255, 0.2667
CMYK	0.05, 0.08, 0.00, 0.27
HSL	260°, 10%, 70%
HSV	260°, 8%, 73%
XYZ	41.8536, 42.4400, 52.9995
YIQ	175.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

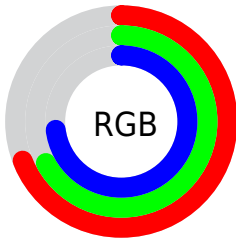
Format	Color
R_{YB}	177, 172, 187
Decimal	11644091
CIE _{Lab}	71.17, 4.65, -7.03
CIE _{LCh}	71, 8.426, 303.483
Yxy	42.4400, 0.3048, 0.3091
Android (android.graphics.Color)	4289834171 (0xFFB1ACBB)
YUV	175.2050, 5.8149, 1.5742
Hunter-Lab	65.1460, 0.6734, -2.6332

Details

The XYZ color **41.8536, 42.4400, 52.9995** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.5097, 48.4654, 46.0407**, and the grayscale version is **40.8262, 42.9524, 46.7751**.

A 20% lighter version of the original color is **77.2510, 78.7329, 95.9194**, and **19.3317, 19.4393, 25.2875** is the 20% darker color. If you saturate the color by 10%, you get **35.8308, 34.4193, 51.7694**, and if you desaturate by 10%, it is **48.6393, 51.5997, 54.4105**.

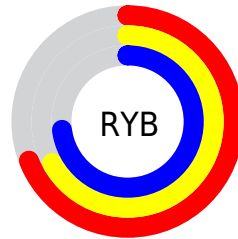
Distribution



Red (69%)

Green (67%)

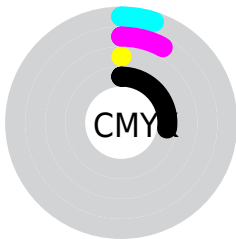
Blue (73%)



Red (69%)

Yellow (67%)

Blue (73%)

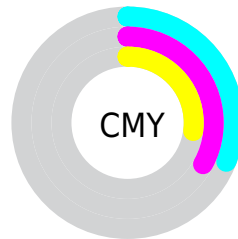


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8536, 42.4400, 52.9995 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 41.8536, 42.4400, 52.9995 by changing the saturation by 10% instead.

■ 41.8536, 42.4400,
52.9995

■ 41.8536, 42.4400,
52.9995

344.8777,
356.3037, 415.3494

■ 29.1773, 29.4460,
37.4146

■ 77.2446, 78.8651,
96.0452

■ 19.3599, 19.4185,
25.2304

100.6899,
103.0650, 124.3431

■ 12.0362, 11.9730,
16.0282

128.4557,
131.7690, 157.7157

■ 6.8407, 6.7253,
9.3895

160.9071,
165.3614, 196.5817

■ 3.4081, 3.2909,
4.8959

198.4097,
204.2267, 241.3595

■ 1.3731, 1.2854,
2.1286

241.3288,

■ 0.2369, 0.1299,

248.7492, 292.4677

0.6327

290.0296,
299.3134, 350.3249

■ 0.0000, 0.0000,
0.0000

■ 41.8536, 42.4400,
52.9995

■ 41.8536, 42.4400,
52.9995

■ 35.8308, 34.4193,
51.7694

■ 48.6393, 51.5997,
54.4105

■ 30.5393, 27.4870,
50.7103

■ 56.2103, 61.9356,
56.0065

■ 25.9511, 21.5968,
49.8152

■ 64.5928, 73.4899,
57.7949

■ 22.0344, 16.6966,
49.0758

■ 73.8107, 86.3009,
59.7818

■ 18.7552, 12.7301,
48.4830

■ 80.4434, 93.5190,
60.8255

■ 16.0761, 9.6348,
48.0267

■ 84.8078, 95.7689,
61.0297

■ 13.9554, 7.3405,
47.6957

■ 85.9698, 96.3679,
61.0841

■ 12.3452, 5.7654,
47.4765

■ 11.1754, 4.7846,
47.3488

Harmonies

Analogous

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



40.5030, 42.4400, 54.4092



41.8536, 42.4400, 52.9995



42.8151, 42.4400, 49.7672

Triad

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



41.8536, 42.4400, 52.9995



41.5616, 42.4400, 39.5990



37.6896, 42.4400, 46.6837

Complementary

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



41.8536, 42.4400, 52.9995



44.5097, 48.4654, 46.0407

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.



37.9582, 42.4400, 42.8264



41.8536, 42.4400, 52.9995



40.1733, 42.4400, 38.8788

Square

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



41.8536, 42.4400, 52.9995



42.6438, 42.4400, 42.0537



38.8593, 42.4400, 40.0265



38.1168, 42.4400, 50.6314

Rectangle

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



41.8536, 42.4400, 52.9995



43.0945, 42.4400, 47.0976



38.8593, 42.4400, 40.0265



37.7015, 42.4400, 45.3335

Sweetspot

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



41.8548, 42.4418, 53.0004



82.0693, 85.5831, 96.3951



42.7636, 45.9183, 53.6236



18.1010, 18.8847, 21.2336



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.



41.8548, 42.4418, 53.0004



72.5370, 72.7661, 94.4235



43.5506, 43.3160, 53.0798



9.3080, 9.3757, 11.9913



7.6317, 3.2203, 32.6123



0.3697, 0.1626, 1.2808

Inverse Universe

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



43.6910, 43.4491, 50.3419



76.6586, 75.0280, 88.4175



42.8413, 47.6053, 45.9626



9.7911, 9.6407, 11.2890



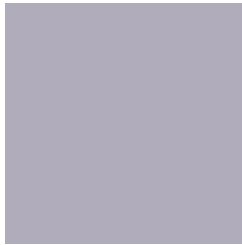
16.6916, 8.3078, 14.2016



0.6830, 0.3371, 0.7099

Previews

White Background



This preview shows how the XYZ color 41.8536, 42.4400, 52.9995 looks on a white background.

Color Contrast Check

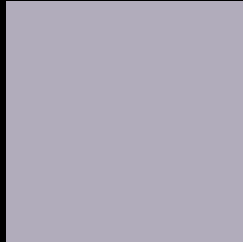
Large Text (above 18pt) WCAG AA × Fail

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 41.8536, 42.4400, 52.9995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

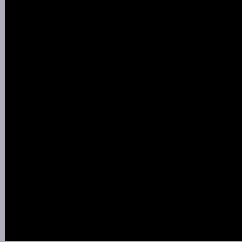
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8536, 42.4400, 52.9995

Background



This preview shows how black text looks on a background with the XYZ color 41.8536, 42.4400, 52.9995.

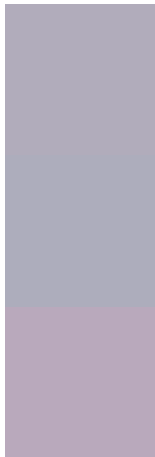


This preview shows how white text looks on a background with the XYZ color 41.8536, 42.4400,

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

41.8536, 42.4400, 52.9995

Protanopia

41.2543, 42.4022, 53.5871

Deuteranopia

43.2727, 42.3211, 53.4650



Tritanopia

41.7469, 42.3973, 52.4376

Trichromacy



Original Color

41.8536, 42.4400, 52.9995

Protanomaly

41.4762, 42.5167, 53.5975

Deuteranomaly

42.7432, 42.3254, 53.4938

Tritanomaly

41.7469, 42.3973, 52.4376

Monochromacy



Original Color

41.8536, 42.4400, 52.9995

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1772, 42.7569, 48.7305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8536, 42.4400, 52.9995 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, 172, 187)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 187)  
}
```

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, 172, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 187) }
```

Border

The CSS property to change the border of an element to XYZ 41.8536, 42.4400, 52.9995 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, 172, 187) }
```


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

```
.border{ border-color:rgb(177, 172, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 172, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 187);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8536, 42.4400, 52.9995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 187) }
```

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

```
.background{ background-color: rgb(177,  
172, 187) }
```

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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