

Converting Colors

XYZ(41.0198, 41.6971, 52.4244)

Have a look what the booklet for
XYZ(41.0198, 41.6971, 52.4244)
contains.

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Color

**XYZ(41.1050, 41.7850,
52.3532)**

Conversions

Conversions Part 1

Format	Color
Hex	AFABBA
RGB	175, 171, 186
RGB Percent	69%, 67%, 73%
CMY	0.3137, 0.3294, 0.2706
CMYK	0.06, 0.08, 0.00, 0.27
HSL	256°, 10%, 70%
HSV	256°, 8%, 73%
XYZ	41.1050, 41.7850, 52.3532
YIQ	173.9060, -2.4310, 5.5130

Conversions

Conversions Part 2

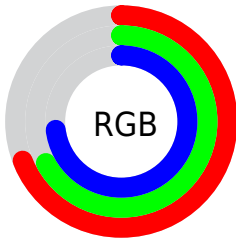
Format	Color
RYB	175, 171, 186
Decimal	11512762
CIELab	70.72, 4.31, -7.16
CIELCh	71, 8.359, 301.036
Yxy	41.7850, 0.3039, 0.3090
Android (android.graphics.Color)	4289702842 (0xFFAFABBA)
YUV	173.9060, 5.9623, 0.9594
Hunter-Lab	64.6413, 0.3847, -2.7702

Details

The XYZ color **41.1050, 41.7850, 52.3532** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.2027, 48.0043, 45.4663**, and the grayscale version is **40.1562, 42.2474, 46.0074**.

A 20% lighter version of the original color is **76.1784, 77.7924, 95.0048**, and **18.9988, 19.0981, 24.8752** is the 20% darker color. If you saturate the color by 10%, you get **34.9272, 33.7475, 51.1280**, and if you desaturate by 10%, it is **48.0890, 50.9744, 53.7595**.

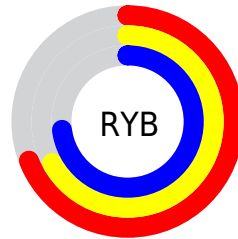
Distribution



Red (69%)

Green (67%)

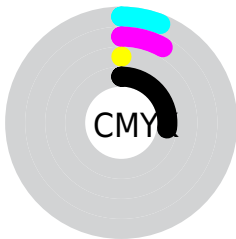
Blue (73%)



Red (69%)

Yellow (67%)

Blue (73%)

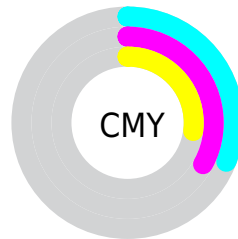


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1050, 41.7850, 52.3532 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 41.1050, 41.7850, 52.3532 by changing the saturation by 10% instead.

■ 41.1050, 41.7850,
52.3532

■ 41.1050, 41.7850,
52.3532

341.8144,
353.5909, 412.7943

■ 28.5892, 28.9330,
36.9025

■ 76.1170, 77.8741,
95.0838

■ 18.9130, 19.0301,
24.8368

99.3438, 101.8800,
123.2008

■ 11.7110, 11.6920,
15.7376

126.8717,
130.3727, 156.3770

■ 6.6180, 6.5344,
9.1863

159.0660,
163.7365, 195.0308

■ 3.2686, 3.1726,
4.7644

196.2921,
202.3558, 239.5810

■ 1.2973, 1.2225,
2.0534

238.9152,

■ 0.1812, 0.0800,

246.6150, 290.4459

0.5878

287.3009,
296.8986, 348.0442

■ 0.0000, 0.0000,
0.0000

■ 41.1050, 41.7850,
52.3532

■ 41.1050, 41.7850,
52.3532

■ 34.9272, 33.7475,
51.1280

■ 48.0890, 50.9744,
53.7595

■ 29.5224, 26.8107,
50.0740

■ 55.9037, 61.3535,
55.3510

■ 24.8601, 20.9275,
49.1841

■ 64.5770, 72.9649,
57.1351

■ 20.9066, 16.0454,
48.4502

■ 74.1344, 85.8477,
59.1180

■ 17.6254, 12.1071,
47.8629

■ 81.6599, 94.1584,
60.3255

■ 14.9765, 9.0494,
47.4124

■ 85.8630, 96.3252,
60.5222

■ 12.9154, 6.8013,
47.0871

■ 11.3910, 5.2801,
46.8738

■ 10.3294, 4.3592,
46.7520

Harmonies

Analogous

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



39.7636, 41.7850, 53.5606



41.1050, 41.7850, 52.3532



42.0924, 41.7850, 49.2929

Triad

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



41.1050, 41.7850, 52.3532



41.0197, 41.7850, 39.1418



37.1105, 41.7850, 45.6349

Complementary

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



41.1050, 41.7850, 52.3532



44.2027, 48.0043, 45.4663

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.



37.4296, 41.7850, 41.9007



41.1050, 41.7850, 52.3532



39.6672, 41.7850, 38.2859

Square

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



41.1050, 41.7850, 52.3532



42.0424, 41.7850, 41.6749



38.3575, 41.7850, 39.2667



37.4759, 41.7850, 49.5455

Rectangle

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



41.1050, 41.7850, 52.3532



42.4058, 41.7850, 46.6961



38.3575, 41.7850, 39.2667



37.1412, 41.7850, 44.3182

Sweetspot

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



41.1062, 41.7868, 52.3541



81.9603, 85.5269, 96.3900



42.4382, 45.7628, 53.0514



18.0782, 18.8729, 21.2326



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.



41.1062, 41.7868, 52.3541



72.0323, 72.5059, 94.3999



42.7777, 42.6485, 52.4323



8.7397, 8.8321, 11.3236



6.8954, 2.8659, 31.4428



0.3038, 0.1323, 1.1113

Inverse Universe

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



43.2577, 42.9443, 50.2675



76.8921, 75.1214, 89.6472



42.5342, 47.1442, 45.3882



9.2760, 9.1208, 10.8008



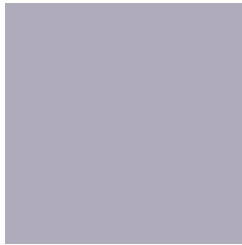
16.6660, 8.2402, 16.6600



0.6117, 0.3002, 0.7147

Previews

White Background



This preview shows how the XYZ color 41.1050, 41.7850, 52.3532 looks on a white background.

Color Contrast Check

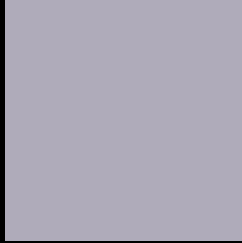
Large Text (above 18pt) WCAG AA × Fail

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 41.1050, 41.7850, 52.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

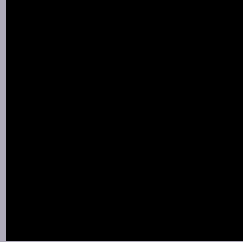
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1050, 41.7850, 52.3532

Background



This preview shows how black text looks on a background with the XYZ color 41.1050, 41.7850, 52.3532.

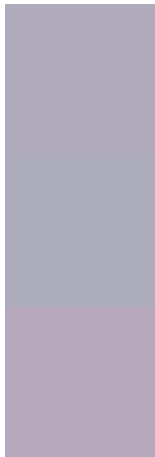


This preview shows how white text looks on a background with the XYZ color 41.1050, 41.7850,

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

41.1050, 41.7850, 52.3532

Protanopia

40.7354, 41.8636, 52.9472

Deuteranopia

42.7394, 41.7835, 52.8261



Tritanopia

40.9991, 41.7426, 51.7952

Trichromacy



Original Color

41.1050, 41.7850, 52.3532

Protanomaly

40.9557, 41.9771, 52.9575

Deuteranomaly

42.2137, 41.7875, 52.8546

Tritanomaly

40.9991, 41.7426, 51.7952

Monochromacy



Original Color

41.1050, 41.7850, 52.3532

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.4350, 42.1002, 48.1145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1050, 41.7850, 52.3532 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(175, 171, 186)` looks like.

```
.text, #text, p{  
    color:rgb(175, 171, 186)  
}
```

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(175, 171, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 171, 186) }
```

Border

The CSS property to change the border of an element to XYZ 41.1050, 41.7850, 52.3532 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(175, 171, 186) }
```


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

```
.border{ border-color:rgb(175, 171, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 171, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 171, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 171, 186);  
box-shadow:4px 4px 4px 4px rgb(175, 171,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1050, 41.7850, 52.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 171, 186) }
```

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

```
.background{ background-color: rgb(175,  
171, 186) }
```

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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