

Converting Colors

XYZ(41.0440, 44.0564, 52.8785)

Have a look what the booklet for
XYZ(41.0440, 44.0564, 52.8785)
contains.

XYZ(41.1315, 44.1102, 52.8006)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.1315, 44.1102,
52.8006)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B3BA
RGB	168, 179, 186
RGB Percent	66%, 70%, 73%
CMY	0.3412, 0.2980, 0.2706
CMYK	0.10, 0.04, 0.00, 0.27
HSL	203°, 12%, 69%
HSV	203°, 10%, 73%
XYZ	41.1315, 44.1102, 52.8006
YIQ	176.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

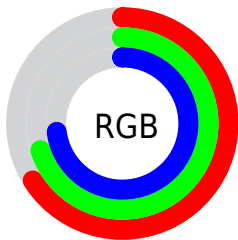
Format	Color
R_{YB}	168, 175, 186
Decimal	11056058
CIE Lab	72.30, -2.42, -4.88
CIE LCh	72, 5.450, 243.662
Yxy	44.1102, 0.2980, 0.3195
Android (android.graphics.Color)	4289246138 (0xFFA8B3BA)
YUV	176.5090, 4.6791, -7.4624
Hunter-Lab	66.4155, -5.6811, -0.6449

Details

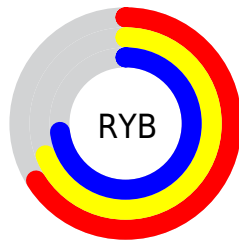
The XYZ color **41.1315, 44.1102, 52.8006** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6478, 43.9260, 43.2774**, and the grayscale version is **41.5133, 43.6752, 47.5623**.

A 20% lighter version of the original color is **76.1668, 81.5154, 95.7240**, and **18.8970, 20.3282, 25.1181** is the 20% darker color. If you saturate the color by 10%, you get **36.0403, 39.3915, 52.1588**, and if you desaturate by 10%, it is **46.8677, 49.2767, 53.4962**.

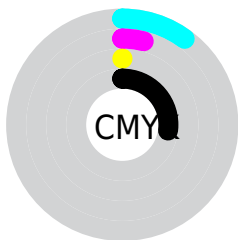
Distribution



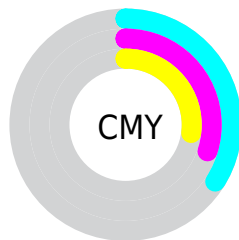
- Red (66%)
- Green (70%)
- Blue (73%)



- Red (66%)
- Yellow (69%)
- Blue (73%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (34%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1315, 44.1102, 52.8006 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 41.1315, 44.1102, 52.8006 by changing the saturation by 10% instead.

■ 41.1315, 44.1102,
52.8006

■ 41.1315, 44.1102,
52.8006

341.9231,
363.1578, 414.5642

■ 28.6100, 30.7572,
37.2570

■ 76.1569, 81.3835,
95.7495

■ 18.9288, 20.4140,
25.1092

■ 99.3915, 106.0726,
123.9918

■ 11.7225, 12.6963,
15.9387

126.9279,
135.3092, 157.3041

■ 6.6259, 7.2198,
9.3269

159.1313,
169.4776, 196.1049

■ 3.2735, 3.5999,
4.8553

196.3672,
208.9623, 240.8128

■ 1.3000, 1.4524,
2.1054

239.0009,

■ 0.1832, 0.2549,

254.1476, 291.8463

0.6189

287.3978,
305.4180, 349.6239

■ 0.0000, 0.0000,
0.0000

■ 41.1315, 44.1102,
52.8006

■ 41.1315, 44.1102,
52.8006

■ 36.0403, 39.3915,
52.1588

■ 46.8677, 49.2767,
53.4962

■ 31.5652, 35.1002,
51.5664

■ 53.2687, 54.8991,
54.2441

■ 27.6806, 31.2228,
51.0227

■ 60.3581, 60.9926,
55.0466

■ 24.3577, 27.7425,
50.5261

■ 68.1572, 67.5698,
55.9050

■ 21.5648, 24.6412,
50.0747

■ 74.4436, 73.4863,
56.7157

■ 19.2672, 21.8990,
49.6665

■ 76.3275, 77.2542,
57.3437

■ 17.4251, 19.4936,
49.2993

■ 78.2939, 81.1869,
57.9991

■ 15.9922, 17.3990,
48.9705

■ 80.3437, 85.2865,
58.6824

■ 14.8797, 15.5675,
48.6756

■ 82.4779, 89.5549,
59.3938

Harmonies

Analogous

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



40.4443, 44.1102, 50.9445



41.1315, 44.1102, 52.8006



42.0406, 44.1102, 53.3616

Triad

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



41.1315, 44.1102, 52.8006



43.7484, 44.1102, 47.6998



40.9351, 44.1102, 43.8624

Complementary

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



41.1315, 44.1102, 52.8006



42.6478, 43.9260, 43.2774

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.



41.8105, 44.1102, 43.0631



41.1315, 44.1102, 52.8006



43.4423, 44.1102, 45.2260

Square

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



41.1315, 44.1102, 52.8006



43.5602, 44.1102, 50.3533



42.7295, 44.1102, 43.5530



40.3321, 44.1102, 45.7764

Rectangle

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



41.1315, 44.1102, 52.8006



42.6524, 44.1102, 52.9091



42.7295, 44.1102, 43.5530



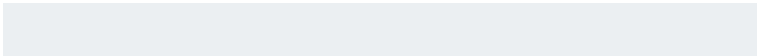
41.2068, 44.1102, 43.4577

Sweetspot

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



41.1328, 44.1121, 52.8016



81.3108, 86.0671, 96.5285



41.4362, 46.5346, 47.3049



17.7181, 18.7847, 21.2345



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.



41.1328, 44.1121, 52.8016



72.1191, 77.7223, 95.4022



39.4057, 40.6578, 52.2259



8.9656, 9.6085, 11.4615



10.0622, 10.5841, 32.7657



0.4129, 0.4895, 1.1745

Inverse Universe

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



42.3900, 41.7000, 48.4647



74.9600, 72.3673, 85.5812



44.4380, 47.5064, 43.8742



9.2290, 9.1020, 10.5533



15.6926, 7.8508, 11.5340



0.5826, 0.2885, 0.5613

Previews

White Background



This preview shows how the XYZ color 41.1315, 44.1102, 52.8006 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 41.1315, 44.1102, 52.8006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

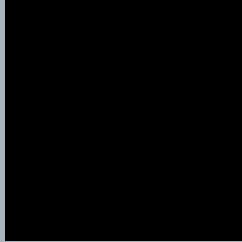
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

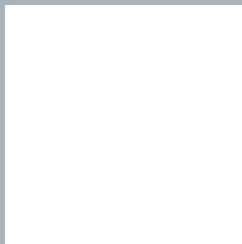
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1315, 44.1102, 52.8006

Background



This preview shows how black text looks on a background with the XYZ color 41.1315, 44.1102, 52.8006.



This preview shows how white text looks on a background with the XYZ color 41.1315, 44.1102,

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

41.1315, 44.1102, 52.8006

Protanopia

42.5372, 43.9763, 51.5937

Deuteranopia

44.9574, 44.0401, 53.1448



Tritanopia

41.7970, 44.0816, 56.1748

Trichromacy



Original Color

41.1315, 44.1102, 52.8006

Protanomaly

41.9347, 43.9457, 52.1711

Deuteranomaly

43.5910, 44.1929, 53.2463

Tritanomaly

41.5768, 43.9935, 55.0155

Monochromacy



Original Color

41.1315, 44.1102, 52.8006

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.6142, 44.1347, 49.5056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1315, 44.1102, 52.8006 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(168, 179, 186)` looks like.

```
.text, #text, p{  
    color:rgb(168, 179, 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(168, 179, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 179, 186) }
```

Border

The CSS property to change the border of an element to XYZ 41.1315, 44.1102, 52.8006 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(168, 179, 186) }
```


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

```
.border{ border-color:rgb(168, 179, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 179, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 179, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 179, 186);  
box-shadow:4px 4px 4px 4px rgb(168, 179,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1315, 44.1102, 52.8006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 179, 186) }
```

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

```
.background{ background-color: rgb(168,  
179, 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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