

Converting Colors

XYZ(41.0110, 44.4365, 52.8073)

Have a look what the booklet for
XYZ(41.0110, 44.4365, 52.8073)
contains.

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Color

**XYZ(40.9101, 44.2947,
52.8479)**

Conversions

Conversions Part 1

Format	Color
Hex	A6B4BA
RGB	166, 180, 186
RGB Percent	65%, 71%, 73%
CMY	0.3490, 0.2941, 0.2706
CMYK	0.11, 0.03, 0.00, 0.27
HSL	198°, 13%, 69%
HSV	198°, 11%, 73%
XYZ	40.9101, 44.2947, 52.8479
YIQ	176.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

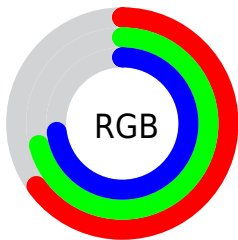
Format	Color
R _Y B	166, 174, 186
Decimal	10925242
CIE Lab	72.43, -3.63, -4.72
CIE LCh	72, 5.952, 232.450
Yxy	44.2947, 0.2963, 0.3209
Android (android.graphics.Color)	4289115322 (0xFFA6B4BA)
YUV	176.4980, 4.6845, -9.2067
Hunter-Lab	66.5543, -6.7482, -0.4917

Details

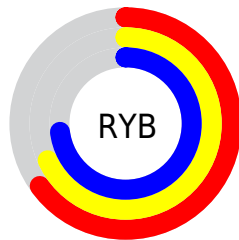
The XYZ color **40.9101, 44.2947, 52.8479** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8854, 42.6971, 42.1110**, and the grayscale version is **41.5081, 43.6697, 47.5563**.

A 20% lighter version of the original color is **75.8413, 81.7739, 95.7911**, and **18.7624, 20.4496, 25.1486** is the 20% darker color. If you saturate the color by 10%, you get **36.1864, 40.2226, 52.3116**, and if you desaturate by 10%, it is **46.2456, 48.7518, 53.4277**.

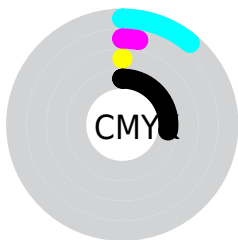
Distribution



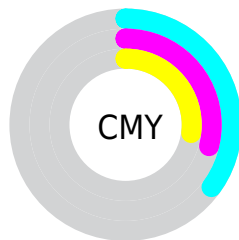
- Red (65%)
- Green (71%)
- Blue (73%)



- Red (65%)
- Yellow (68%)
- Blue (73%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (35%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9101, 44.2947, 52.8479 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 40.9101, 44.2947, 52.8479 by changing the saturation by 10% instead.

■ 40.9101, 44.2947,
52.8479

■ 40.9101, 44.2947,
52.8479

341.0137,
363.9095, 414.7510

■ 28.4362, 30.9023,
37.2945

■ 75.8230, 81.6610,
95.8198

■ 18.7969, 20.5244,
25.1380

■ 98.9927, 106.4037,
124.0753

■ 11.6267, 12.7768,
15.9599

126.4583,
135.6985, 157.4020

■ 6.5604, 7.2750,
9.3418

158.5853,
169.9300, 196.2183

■ 3.2326, 3.6347,
4.8649

195.7390,
209.4824, 240.9429

■ 1.2779, 1.4714,
2.1109

238.2847,

■ 0.1666, 0.2685,

254.7402, 291.9941

0.6222

286.5879,
306.0878, 349.7907

■ 0.0000, 0.0000,
0.0000

■ 40.9101, 44.2947,
52.8479

■ 40.9101, 44.2947,
52.8479

■ 36.1864, 40.2226,
52.3116

■ 46.2456, 48.7518,
53.4277

■ 32.0461, 36.5166,
51.8145

■ 52.2122, 53.6012,
54.0492

■ 28.4640, 33.1640,
51.3561

■ 58.8332, 58.8566,
54.7147

■ 25.4117, 30.1495,
50.9351

■ 66.1293, 64.5297,
55.4251

■ 22.8579, 27.4560,
50.5498

■ 72.6326, 69.8642,
56.1121

■ 20.7681, 25.0649,
50.1985

■ 74.0155, 72.6302,
56.5730

■ 19.1028, 22.9550,
49.8790

■ 75.4468, 75.4927,
57.0501

■ 17.8154, 21.1014,
49.5891

■ 76.9269, 78.4528,
57.5435

■ 16.8757, 19.5706,
49.3431

■ 78.4561, 81.5114,
58.0532

Harmonies

Analogous

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



40.3041, 44.2947, 50.4188



40.9101, 44.2947, 52.8479



41.8421, 44.2947, 54.0487

Triad

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



40.9101, 44.2947, 52.8479



44.0865, 44.2947, 48.9754



41.3521, 44.2947, 43.1948

Complementary

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



40.9101, 44.2947, 52.8479



41.8854, 42.6971, 42.1110

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.



42.3605, 44.2947, 42.8435



40.9101, 44.2947, 52.8479



43.9501, 44.2947, 46.1043

Square

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



40.9101, 44.2947, 52.8479



43.6840, 44.2947, 51.7547



43.3143, 44.2947, 43.8881



40.5563, 44.2947, 44.8680

Rectangle

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



40.9101, 44.2947, 52.8479



42.5274, 44.2947, 53.9583



43.3143, 44.2947, 43.8881



41.6770, 44.2947, 42.9211

Sweetspot

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



40.9114, 44.2966, 52.8489



81.5007, 86.4469, 96.5918



40.7000, 46.1913, 45.6336



17.7708, 18.8902, 21.2521



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.



40.9114, 44.2966, 52.8489



71.9433, 78.4072, 95.5437



39.0269, 40.5276, 52.2207



9.0332, 9.7436, 11.4840



11.4213, 13.3023, 33.2187



0.4540, 0.5717, 1.1882

Inverse Universe

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



42.1252, 41.0078, 48.8772



74.6182, 71.2618, 86.7680



43.7931, 46.5126, 42.7469



9.2631, 9.1156, 10.7329



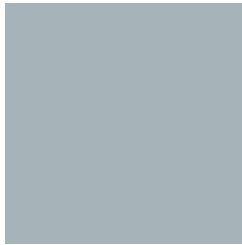
16.3786, 8.1252, 15.1465



0.6033, 0.2968, 0.6706

Previews

White Background



This preview shows how the XYZ color 40.9101, 44.2947, 52.8479 looks on a white background.

Color Contrast Check

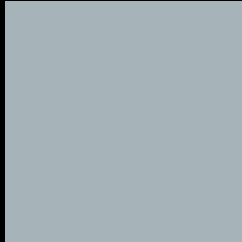
Large Text (above 18pt) WCAG AA × Fail

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 40.9101, 44.2947, 52.8479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

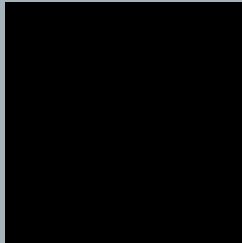
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

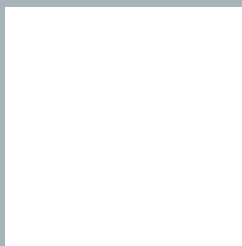
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9101, 44.2947, 52.8479

Background



This preview shows how black text looks on a background with the XYZ color 40.9101, 44.2947, 52.8479.



This preview shows how white text looks on a background with the XYZ color 40.9101, 44.2947,

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

40.9101, 44.2947, 52.8479

Protanopia

42.7675, 44.0951, 51.6045

Deuteranopia

45.0648, 44.0830, 53.7107



Tritanopia

41.6821, 44.3059, 56.8071

Trichromacy



Original Color

40.9101, 44.2947, 52.8479

Protanomaly

41.9347, 43.9457, 52.1711

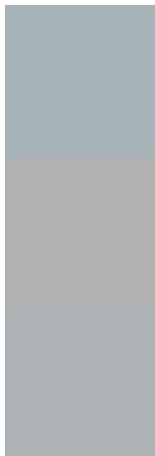
Deuteranomaly

43.3557, 44.0716, 53.2353

Tritanomaly

41.3507, 44.1734, 55.0621

Monochromacy



Original Color

40.9101, 44.2947, 52.8479

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.3922, 44.0203, 49.4952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9101, 44.2947, 52.8479 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(166, 180, 186)` looks like.

```
.text, #text, p{  
    color:rgb(166, 180, 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(166, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 180, 186) }
```

Border

The CSS property to change the border of an element to XYZ 40.9101, 44.2947, 52.8479 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(166, 180, 186) }
```


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

```
.border{ border-color:rgb(166, 180, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 180, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(166, 180,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9101, 44.2947, 52.8479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 180, 186) }
```

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

```
.background{ background-color: rgb(166,  
180, 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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