

Converting Colors

XYZ(40.9198, 42.6866, 54.1457)

Have a look what the booklet for
XYZ(40.9198, 42.6866, 54.1457)
contains.

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Color

**XYZ(41.0928, 42.8801,
54.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	AAAFBD
RGB	170, 175, 189
RGB Percent	67%, 69%, 74%
CMY	0.3333, 0.3137, 0.2588
CMYK	0.10, 0.07, 0.00, 0.26
HSL	224°, 13%, 70%
HSV	224°, 10%, 74%
XYZ	41.0928, 42.8801, 54.2550
YIQ	175.1010, -7.4740, 3.2940

Conversions

Conversions Part 2

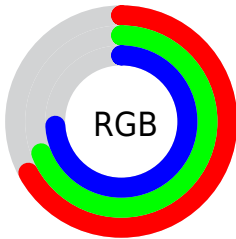
Format	Color
RYB	170, 174, 189
Decimal	11186109
CIELab	71.47, 1.03, -7.74
CIELCh	71, 7.811, 277.614
Yxy	42.8801, 0.2973, 0.3102
Android (android.graphics.Color)	4289376189 (0xFFAAAFBD)
YUV	175.1010, 6.8522, -4.4736
Hunter-Lab	65.4829, -2.5801, -3.2859

Details

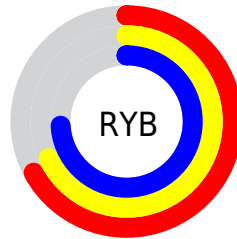
The XYZ color **41.0928, 42.8801, 54.2550** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.3826, 48.0017, 44.9042**, and the grayscale version is **40.7693, 42.8924, 46.7099**.

A 20% lighter version of the original color is **75.8296, 79.1938, 97.6755**, and **18.9981, 19.7950, 26.1121** is the 20% darker color. If you saturate the color by 10%, you get **34.7257, 35.7810, 53.2210**, and if you desaturate by 10%, it is **48.3293, 50.8445, 55.4115**.

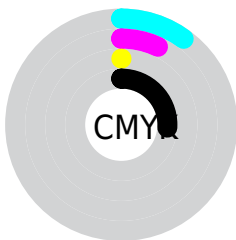
Distribution



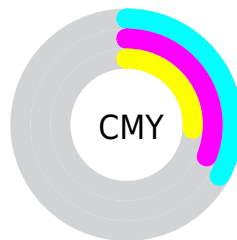
- Red (67%)
- Green (69%)
- Blue (74%)



- Red (67%)
- Yellow (68%)
- Blue (74%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (33%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0928, 42.8801, 54.2550 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 41.0928, 42.8801, 54.2550 by changing the saturation by 10% instead.

■ 41.0928, 42.8801,
54.2550

■ 41.0928, 42.8801,
54.2550

341.7643,
358.1184, 420.2837

■ 28.5796, 29.7911,
38.4110

■ 76.0986, 79.5299,
97.9087

■ 18.9057, 19.6800,
25.9975

99.3218, 103.8594,
126.5555

■ 11.7058, 12.1627,
16.5960

126.8458,
132.7046, 160.3070

■ 6.6144, 6.8546,
9.7880

159.0359,
166.4498, 199.5818

■ 3.2663, 3.3713,
5.1549

196.2575,
205.4793, 244.7983

■ 1.2961, 1.3285,
2.2781

238.8758,

■ 0.1803, 0.1631,

250.1777, 296.3751

0.7189

287.2563,
300.9293, 354.7307

■ 0.0000, 0.0000,
0.0000

■ 41.0928, 42.8801,
54.2550

■ 41.0928, 42.8801,
54.2550

■ 34.7257, 35.7810,
53.2210

■ 48.3293, 50.8445,
55.4115

■ 29.1907, 29.5121,
52.3027

■ 56.4630, 59.6971,
56.6916

■ 24.4538, 24.0438,
51.4969

■ 65.5249, 69.4665,
58.0996

■ 20.4765, 19.3425,
50.7991

■ 75.5436, 80.1784,
59.6392

■ 17.2174, 15.3722,
50.2045

■ 82.9638, 90.0108,
61.1460

■ 14.6308, 12.0937,
49.7080

■ 86.1854, 96.4542,
62.2199

■ 12.6655, 9.4640,
49.3040

■ 11.2619, 7.4341,
48.9862

■ 10.3160, 5.9353,
48.7467

Harmonies

Analogous

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



39.7992, 42.8801, 53.7232



41.0928, 42.8801, 54.2550



42.3219, 42.8801, 52.6746

Triad

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



41.0928, 42.8801, 54.2550



42.7959, 42.8801, 42.4000



38.4587, 42.8801, 43.9805

Complementary

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



41.0928, 42.8801, 54.2550



45.3826, 48.0017, 44.9042

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.



39.2297, 42.8801, 41.1752



41.0928, 42.8801, 54.2550



41.7286, 42.8801, 40.2975

Square

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



41.0928, 42.8801, 54.2550



43.3188, 42.8801, 45.7345



40.4215, 42.8801, 39.8615



38.2968, 42.8801, 47.6570

Rectangle

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



41.0928, 42.8801, 54.2550



42.9329, 42.8801, 50.6835



40.4215, 42.8801, 39.8615



38.6544, 42.8801, 42.9104

Sweetspot

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



41.0941, 42.8819, 54.2559



82.5091, 86.6249, 98.5978



43.4206, 48.3999, 52.3651



17.5140, 18.3765, 21.1665



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.



41.0941, 42.8819, 54.2559



71.0300, 73.9519, 96.7567



41.1130, 41.4728, 53.9830



9.2153, 9.6230, 12.0439



6.9950, 4.1017, 32.8159



0.3295, 0.2717, 1.3039

Inverse Universe

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



43.0998, 42.6642, 46.5229



75.3357, 73.5299, 80.1464



45.3572, 49.5587, 45.2061



9.6305, 9.5765, 10.4435



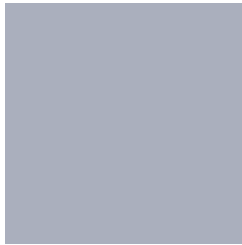
14.5315, 7.4438, 2.8266



0.5972, 0.3028, 0.2583

Previews

White Background



This preview shows how the XYZ color 41.0928, 42.8801, 54.2550 looks on a white background.

Color Contrast Check

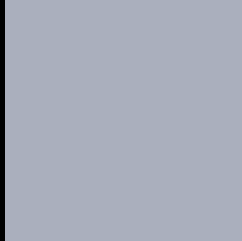
Large Text (above 18pt) WCAG AA × Fail

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 41.0928, 42.8801, 54.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

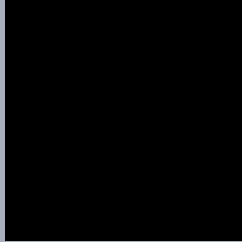
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0928, 42.8801, 54.2550

Background



This preview shows how black text looks on a background with the XYZ color 41.0928, 42.8801, 54.2550.

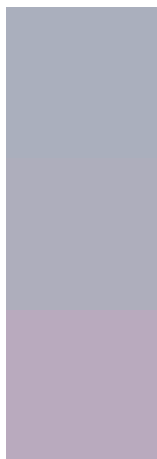


This preview shows how white text looks on a background with the XYZ color 41.0928, 42.8801,

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

41.0928, 42.8801, 54.2550

Protanopia

41.6687, 42.9016, 53.6616

Deuteranopia

43.6766, 42.7814, 54.6708



Tritanopia

41.0928, 42.8801, 54.2550

Trichromacy



Original Color

41.0928, 42.8801, 54.2550

Protanomaly

41.4467, 42.7872, 53.6512

Deuteranomaly

42.8692, 42.9261, 54.7413

Tritanomaly

41.0928, 42.8801, 54.2550

Monochromacy



Original Color

41.0928, 42.8801, 54.2550

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.8018, 42.8395, 49.2984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0928, 42.8801, 54.2550 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(170, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(170, 175, 189)  
}
```

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(170, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 175, 189) }
```

Border

The CSS property to change the border of an element to XYZ 41.0928, 42.8801, 54.2550 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(170, 175, 189) }
```


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

```
.border{ border-color:rgb(170, 175, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(170, 175,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0928, 42.8801, 54.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 175, 189) }
```

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

```
.background{ background-color: rgb(170,  
175, 189) }
```

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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