

Converting Colors

XYZ(40.4795, 41.0827, 59.3848)

Have a look what the booklet for
XYZ(40.4795, 41.0827, 59.3848)
contains.

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Color

**XYZ(40.5041, 41.0422,
59.2132)**

Conversions

Conversions Part 1

Format	Color
Hex	A7AAC6
RGB	167, 170, 198
RGB Percent	65%, 67%, 78%
CMY	0.3451, 0.3333, 0.2235
CMYK	0.16, 0.14, 0.00, 0.22
HSL	234°, 21%, 72%
HSV	234°, 16%, 78%
XYZ	40.5041, 41.0422, 59.2132
YIQ	172.2950, -10.7760, 8.0720

Conversions

Conversions Part 2

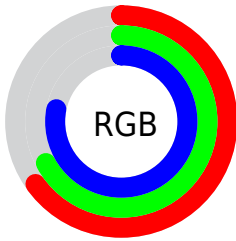
Format	Color
RYB	167, 170, 198
Decimal	10988230
CIELab	70.21, 4.69, -14.62
CIELCh	70, 15.351, 287.775
Yxy	41.0422, 0.2878, 0.2916
Android (android.graphics.Color)	4289178310 (0xFFA7AAC6)
YUV	172.2950, 12.6726, -4.6437
Hunter-Lab	64.0642, 0.7430, -9.9556

Details

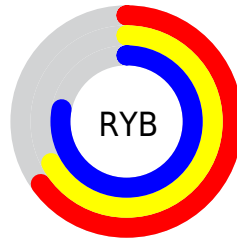
The XYZ color **40.5041, 41.0422, 59.2132** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.7790, 53.8256, 44.3258**, and the grayscale version is **39.3048, 41.3517, 45.0320**.

A 20% lighter version of the original color is **75.0994, 76.6000, 105.4349**, and **18.5827, 18.6153, 28.9993** is the 20% darker color. If you saturate the color by 10%, you get **33.5100, 32.7949, 57.9906**, and if you desaturate by 10%, it is **48.5972, 50.5350, 60.6196**.

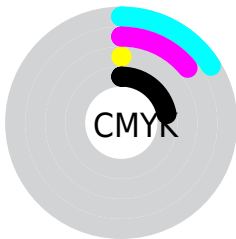
Distribution



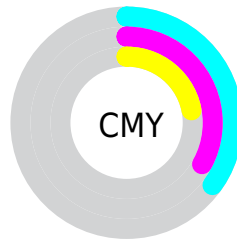
- Red (65%)
- Green (67%)
- Blue (78%)



- Red (65%)
- Yellow (67%)
- Blue (78%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5041, 41.0422, 59.2132 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 40.5041, 41.0422, 59.2132 by changing the saturation by 10% instead.

■ 40.5041, 41.0422,
59.2132

■ 40.5041, 41.0422,
59.2132

339.3418,
350.4970, 439.4154

■ 28.1178, 28.3521,
42.3636

■ 75.2100, 76.7480,
105.2196

■ 18.5554, 18.5912,
29.0584

■ 98.2603, 100.5324,
135.2136

■ 11.4515, 11.3753,
18.8791

125.5959,
128.7836, 170.4261

■ 6.4409, 6.3198,
11.4070

157.5822,
161.8862, 211.2756

■ 3.1582, 3.0405,
6.2237

194.5846,
200.2244, 258.1808

■ 1.2380, 1.1529,
2.9106

236.9685,

■ 0.1360, 0.0227,

244.1827, 311.5601

1.0492

285.0991,
294.1454, 371.8321

■ 0.0000, 0.0000,
0.0000

■ 40.5041, 41.0422,
59.2132

■ 40.5041, 41.0422,
59.2132

■ 33.5100, 32.7949,
57.9906

■ 48.5972, 50.5350,
60.6196

■ 27.5637, 25.7366,
56.9416

■ 57.8299, 61.3168,
62.2141

■ 22.6157, 19.8136,
56.0592

■ 68.2455, 73.4352,
64.0042

■ 18.6111, 14.9667,
55.3347

■ 79.8837, 86.9338,
65.9963

■ 15.4893, 11.1306,
54.7588

■ 87.1932, 96.8573,
67.5265

■ 13.1830, 8.2334,
54.3211

■ 11.6149, 6.1934,
54.0100

■ 10.6915, 4.9141,
53.8117

■ 10.4290, 4.5490,
53.7551

Harmonies

Analogous

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



37.9945, 41.0422, 59.6329



40.5041, 41.0422, 59.2132



42.7004, 41.0422, 54.6545

Triad

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



40.5041, 41.0422, 59.2132



42.3497, 41.0422, 35.1984



34.4723, 41.0422, 41.8196

Complementary

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



40.5041, 41.0422, 59.2132



49.7790, 53.8256, 44.3258

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.



35.5375, 41.0422, 36.0133



40.5041, 41.0422, 59.2132



40.0421, 41.0422, 32.4752

Square

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



40.5041, 41.0422, 59.2132



43.7970, 41.0422, 40.5926



37.5519, 41.0422, 32.7565



34.5840, 41.0422, 49.0499

Rectangle

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



40.5041, 41.0422, 59.2132



43.6585, 41.0422, 50.1327



37.5519, 41.0422, 32.7565



34.7026, 41.0422, 39.6525

Sweetspot

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



40.5054, 41.0439, 59.2141



86.9497, 90.5333, 107.4997



45.9702, 52.5400, 59.2895



18.3761, 19.1033, 22.9687



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.5054, 41.0439, 59.2141



67.0111, 67.1298, 104.0332



42.6955, 41.3469, 59.1572



10.1379, 10.4500, 13.4002



6.8112, 3.0164, 34.9676



0.3514, 0.2006, 1.6653

Inverse Universe

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



44.3641, 42.5464, 43.9062



75.2322, 70.3832, 71.4076



47.3225, 53.5680, 44.4055



10.6749, 10.6533, 11.2713



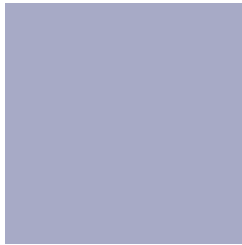
15.2373, 7.8445, 1.1937



0.7361, 0.3773, 0.1333

Previews

White Background



This preview shows how the XYZ color 40.5041, 41.0422, 59.2132 looks on a white background.

Color Contrast Check

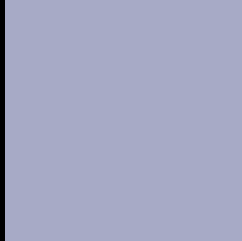
Large Text (above 18pt) WCAG AA × Fail

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 40.5041, 41.0422, 59.2132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

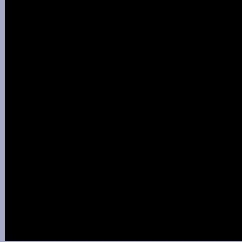
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5041, 41.0422, 59.2132

Background



This preview shows how black text looks on a background with the XYZ color 40.5041, 41.0422, 59.2132.



This preview shows how white text looks on a background with the XYZ color 40.5041, 41.0422,

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

40.5041, 41.0422, 59.2132

Protanopia

40.5041, 41.0422, 59.2132

Deuteranopia

41.8067, 40.8749, 59.7190



Tritanopia

39.1325, 41.0496, 52.3152

Trichromacy



Original Color

40.5041, 41.0422, 59.2132

Protanomaly

40.5041, 41.0422, 59.2132

Deuteranomaly

41.3247, 40.8994, 59.7492

Tritanomaly

39.5831, 40.9505, 54.5332

Monochromacy



Original Color

40.5041, 41.0422, 59.2132

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.4810, 41.0081, 49.5505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5041, 41.0422, 59.2132 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(167, 170, 198)` looks like.

```
.text, #text, p{  
    color:rgb(167, 170, 198)  
}
```

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(167, 170, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 170, 198) }
```

Border

The CSS property to change the border of an element to XYZ 40.5041, 41.0422, 59.2132 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(167, 170, 198) }
```


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

```
.border{ border-color:rgb(167, 170, 198) }
```

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

Here you see how a box with a 4 pixel rgb(167, 170, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 170, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 170, 198);  
box-shadow:4px 4px 4px 4px rgb(167, 170,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5041, 41.0422, 59.2132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 170, 198) }
```

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

```
.background{ background-color: rgb(167,  
170, 198) }
```

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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