

Converting Colors

XYZ(38.9917, 41.0047, 50.9770)

Have a look what the booklet for
XYZ(38.9917, 41.0047, 50.9770)
contains.

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Color

**XYZ(39.1301, 41.0727,
51.2129)**

Conversions

Conversions Part 1

Format	Color
Hex	A6ACB8
RGB	166, 172, 184
RGB Percent	65%, 67%, 72%
CMY	0.3490, 0.3255, 0.2784
CMYK	0.10, 0.07, 0.00, 0.28
HSL	220°, 11%, 69%
HSV	220°, 10%, 72%
XYZ	39.1301, 41.0727, 51.2129
YIQ	171.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

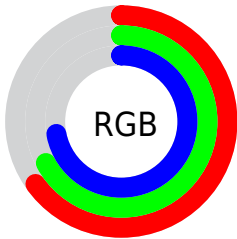
Format	Color
R _Y B	166, 171, 184
Decimal	10923192
CIE Lab	70.23, 0.29, -6.87
CIE LCh	70, 6.877, 272.424
Yxy	41.0727, 0.2978, 0.3125
Android (android.graphics.Color)	4289113272 (0xFFA6ACB8)
YUV	171.5740, 6.1260, -4.8884
Hunter-Lab	64.0880, -3.1675, -2.5172

Details

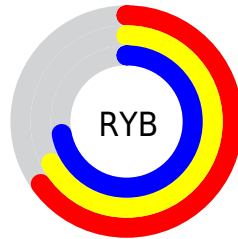
The XYZ color **39.1301, 41.0727, 51.2129** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5707, 44.7840, 42.4775**, and the grayscale version is **38.9712, 41.0008, 44.6498**.

A 20% lighter version of the original color is **73.0161, 76.6016, 93.3753**, and **17.7526, 18.6490, 24.1367** is the 20% darker color. If you saturate the color by 10%, you get **33.3183, 34.7710, 50.3035**, and if you desaturate by 10%, it is **45.7116, 48.0932, 52.2217**.

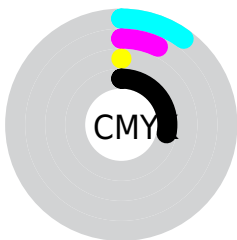
Distribution



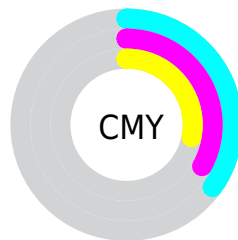
- Red (65%)
- Green (67%)
- Blue (72%)



- Red (65%)
- Yellow (67%)
- Blue (72%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (28%)



- Cyan (35%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1301, 41.0727, 51.2129 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 39.1301, 41.0727, 51.2129 by changing the saturation by 10% instead.

■ 39.1301, 41.0727,
51.2129

■ 39.1301, 41.0727,
51.2129

333.6409,
350.6244, 408.2605

■ 27.0421, 28.3759,
36.0002

■ 73.1298, 76.7942,
93.3841

■ 17.7416, 18.6092,
24.1446

■ 95.7723, 100.5878,
121.1797

■ 10.8632, 11.3882,
15.2278

122.6636,
128.8490, 154.0066

■ 6.0415, 6.3286,
8.8310

154.1692,
161.9623, 192.2834

■ 2.9113, 3.0459,
4.5358

190.6544,
200.3121, 236.4287

■ 1.1070, 1.1557,
1.9236

232.4845,

■ 0.0310, 0.0251,

244.2828, 286.8609

0.5077

280.0249,
294.2587, 343.9987

■ 0.0000, 0.0000,
0.0000

■ 39.1301, 41.0727,
51.2129

■ 39.1301, 41.0727,
51.2129

■ 33.3183, 34.7710,
50.3035

■ 45.7116, 48.0932,
52.2217

■ 28.2436, 29.1593,
49.4878

■ 53.0866, 55.8498,
53.3302

■ 23.8759, 24.2144,
48.7635

■ 61.2826, 64.3656,
54.5420

■ 20.1821, 19.9097,
48.1273

■ 70.3244, 73.6612,
55.8596

■ 17.1259, 16.2165,
47.5756

■ 79.1227, 83.1824,
57.2337

■ 14.6675, 13.1041,
47.1044

■ 82.7226, 90.3822,
58.4337

■ 12.7622, 10.5382,
46.7095

■ 85.6519, 96.2407,
59.4101

■ 11.3581, 8.4802,
46.3863

■ 10.3593, 6.8682,
46.1278

Harmonies

Analogous

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



38.0438, 41.0727, 50.4511



39.1301, 41.0727, 51.2129



40.2119, 41.0727, 50.1671

Triad

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



39.1301, 41.0727, 51.2129



40.8963, 41.0727, 41.4753



37.1488, 41.0727, 41.9093

Complementary

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



39.1301, 41.0727, 51.2129



42.5707, 44.7840, 42.4775

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.



37.8879, 41.0727, 39.6844



39.1301, 41.0727, 51.2129



40.0502, 41.0727, 39.4424

Square

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



39.1301, 41.0727, 51.2129



41.2438, 41.0727, 44.4592



38.9468, 41.0727, 38.8026



36.9130, 41.0727, 44.9842

Rectangle

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



39.1301, 41.0727, 51.2129



40.7812, 41.0727, 48.6136



38.9468, 41.0727, 38.8026



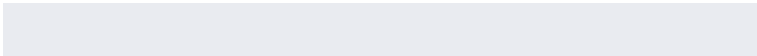
37.3459, 41.0727, 41.0423

Sweetspot

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



39.1313, 41.0744, 51.2138



78.8095, 82.8780, 94.0480



40.8728, 45.5910, 48.6081



16.7798, 17.6433, 20.2427



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.1313, 41.0744, 51.2138



68.2613, 71.5770, 92.4226



38.5865, 39.1357, 50.8683



8.7593, 9.1958, 11.3927



7.1850, 4.8297, 31.8066



0.3117, 0.2871, 1.1407

Inverse Universe

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



40.8507, 40.4421, 44.6848



72.1001, 70.2249, 77.8321



43.1506, 46.8949, 42.8544



9.1248, 9.0603, 10.0048



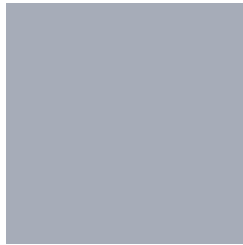
14.2403, 7.2699, 3.8864



0.5315, 0.2681, 0.2923

Previews

White Background



This preview shows how the XYZ color 39.1301, 41.0727, 51.2129 looks on a white background.

Color Contrast Check

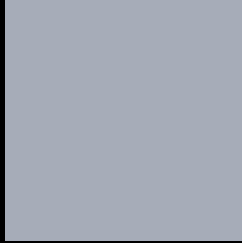
Large Text (above 18pt) WCAG AA × Fail

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 39.1301, 41.0727, 51.2129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

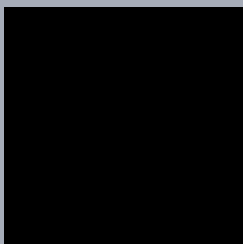
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

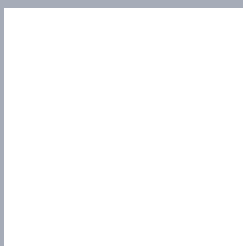
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1301, 41.0727, 51.2129

Background



This preview shows how black text looks on a background with the XYZ color 39.1301, 41.0727, 51.2129.

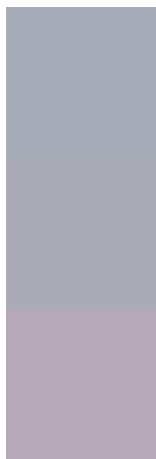


This preview shows how white text looks on a background with the XYZ color 39.1301, 41.0727,

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

39.1301, 41.0727, 51.2129

Protanopia

39.7166, 40.8263, 50.5867

Deuteranopia

41.8671, 41.0853, 51.6226



Tritanopia

39.2354, 41.1148, 51.7670

Trichromacy



Original Color

39.1301, 41.0727, 51.2129

Protanomaly

39.4723, 40.9797, 50.6292

Deuteranomaly

40.8494, 41.1088, 51.6807

Tritanomaly

39.2354, 41.1148, 51.7670

Monochromacy



Original Color

39.1301, 41.0727, 51.2129

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.1666, 41.1857, 46.9596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1301, 41.0727, 51.2129 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, 172, 184) looks like.

```
.text, #text, p{  
    color:rgb(166, 172, 184)  
}
```

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, 172, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 172, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.1301, 41.0727, 51.2129 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, 172, 184) }
```


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

```
.border{ border-color:rgb(166, 172, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 172, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 172, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 172, 184);  
box-shadow:4px 4px 4px 4px rgb(166, 172,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1301, 41.0727, 51.2129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 172, 184) }
```

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

```
.background{ background-color: rgb(166,  
172, 184) }
```

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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