

Converting Colors

XYZ(39.1030, 41.6125, 53.0782)

Have a look what the booklet for
XYZ(39.1030, 41.6125, 53.0782)
contains.

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Color

**XYZ(39.0060, 41.5413,
52.9762)**

Conversions

Conversions Part 1

Format	Color
Hex	A2AEBB
RGB	162, 174, 187
RGB Percent	64%, 68%, 73%
CMY	0.3647, 0.3176, 0.2667
CMYK	0.13, 0.07, 0.00, 0.27
HSL	211°, 16%, 68%
HSV	211°, 13%, 73%
XYZ	39.0060, 41.5413, 52.9762
YIQ	171.8940, -11.3250, 1.4990

Conversions

Conversions Part 2

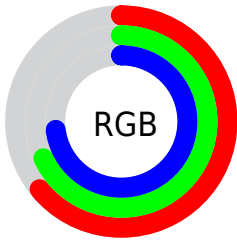
Format	Color
R_{YB}	162, 170, 187
Decimal	10661563
CIE _{Lab}	70.55, -1.51, -8.07
CIE _{LCh}	71, 8.213, 259.399
Yxy	41.5413, 0.2921, 0.3111
Android (android.graphics.Color)	4288851643 (0xFFA2AEBB)
YUV	171.8940, 7.4473, -8.6770
Hunter-Lab	64.4525, -4.7656, -3.6161

Details

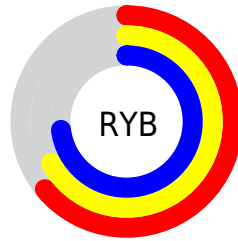
The XYZ color **39.0060, 41.5413, 52.9762** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3455, 43.8334, 40.4122**, and the grayscale version is **39.1277, 41.1654, 44.8291**.

A 20% lighter version of the original color is **72.8122, 77.2614, 95.8693**, and **17.6930, 18.9553, 25.2805** is the 20% darker color. If you saturate the color by 10%, you get **33.6756, 36.1062, 52.2087**, and if you desaturate by 10%, it is **45.0397, 47.5430, 53.8173**.

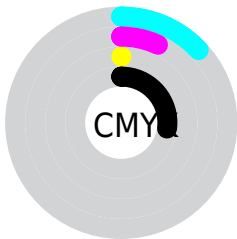
Distribution



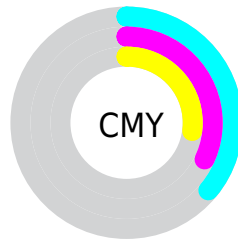
- Red (64%)
- Green (68%)
- Blue (73%)



- Red (64%)
- Yellow (67%)
- Blue (73%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)



- Cyan (36%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0060, 41.5413, 52.9762 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 39.0060, 41.5413, 52.9762 by changing the saturation by 10% instead.

■ 39.0060, 41.5413,
52.9762

■ 39.0060, 41.5413,
52.9762

333.1227,
352.5779, 415.2575

■ 26.9451, 28.7423,
37.3962

■ 72.9415, 77.5049,
96.0105

■ 17.6684, 18.8860,
25.2162

■ 95.5468, 101.4383,
124.3019

■ 10.8104, 11.5879,
16.0177

122.3977,
129.8520, 157.6675

■ 6.0059, 6.4637,
9.3822

153.8595,
163.1303, 196.5259

■ 2.8893, 3.1291,
4.8911

190.2976,
201.6577, 241.2955

■ 1.0955, 1.1995,
2.1259

232.0772,

■ 0.0214, 0.0613,

245.8184, 292.3950

0.6311

279.5638,
295.9971, 350.2428

■ 0.0000, 0.0000,
0.0000

■ 39.0060, 41.5413,
52.9762

■ 39.0060, 41.5413,
52.9762

■ 33.6756, 36.1062,
52.2087

■ 45.0397, 47.5430,
53.8173

■ 29.0172, 31.2140,
51.5100

■ 51.7991, 54.1237,
54.7312

■ 25.0023, 26.8468,
50.8786

■ 59.3102, 61.3019,
55.7209

■ 21.5989, 22.9836,
50.3123

■ 67.5964, 69.0935,
56.7881

■ 18.7720, 19.6014,
49.8085

■ 76.4950, 77.4184,
57.9259

■ 16.4827, 16.6755,
49.3644

■ 79.1618, 82.7520,
58.8149

■ 14.6864, 14.1778,
48.9769

■ 81.9801, 88.3886,
59.7543

■ 13.3304, 12.0756,
48.6427

■ 84.9523, 94.3329,
60.7450

■ 12.6071, 10.8626,
48.4466

■ 85.9698, 96.3679,
61.0842

Harmonies

Analogous

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



37.8110, 41.5413, 51.1418



39.0060, 41.5413, 52.9762



40.3562, 41.5413, 52.6474

Triad

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



39.0060, 41.5413, 52.9762



41.9947, 41.5413, 42.7960



37.5368, 41.5413, 40.5434

Complementary

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



39.0060, 41.5413, 52.9762



42.3455, 43.8334, 40.4122

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.



38.6240, 41.5413, 38.5467



39.0060, 41.5413, 52.9762



41.2052, 41.5413, 39.7949

Square

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



39.0060, 41.5413, 52.9762



42.1027, 41.5413, 46.6192



39.9654, 41.5413, 38.2808



36.9757, 41.5413, 43.8715

Rectangle

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



39.0060, 41.5413, 52.9762



41.1621, 41.5413, 51.2511



39.9654, 41.5413, 38.2808



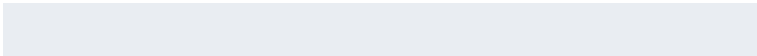
37.8517, 41.5413, 39.7025

Sweetspot

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



39.0072, 41.5430, 52.9771



79.8710, 84.3667, 96.2762



40.4011, 46.3147, 47.3256



17.4002, 18.3929, 21.1757



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.



39.0072, 41.5430, 52.9771



66.9742, 71.4859, 94.4696



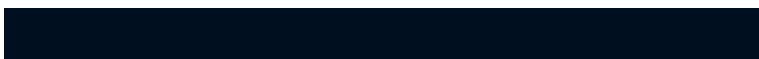
36.8759, 37.1545, 52.2424



9.3842, 9.9607, 12.1002



8.7578, 7.6274, 33.4035



0.4086, 0.4298, 1.3303

Inverse Universe

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



41.0548, 39.4624, 45.4995



71.3736, 67.1444, 78.3745



44.6844, 48.6624, 41.2210



9.7158, 9.6106, 10.8923



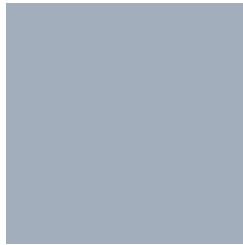
15.4213, 7.7997, 7.5122



0.6371, 0.3187, 0.4684

Previews

White Background



This preview shows how the XYZ color 39.0060, 41.5413, 52.9762 looks on a white background.

Color Contrast Check

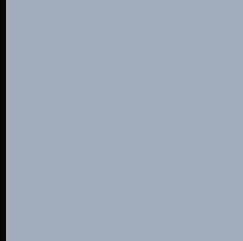
Large Text (above 18pt) WCAG AA × Fail

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 39.0060, 41.5413, 52.9762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

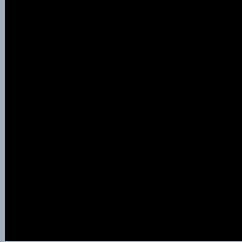
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

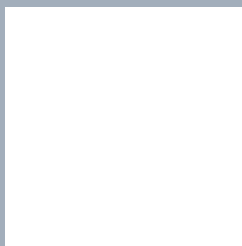
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0060, 41.5413, 52.9762

Background



This preview shows how black text looks on a background with the XYZ color 39.0060, 41.5413, 52.9762.

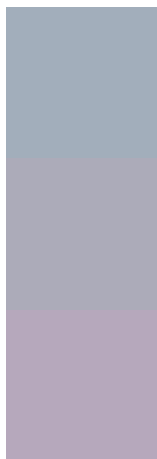


This preview shows how white text looks on a background with the XYZ color 39.0060, 41.5413,

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

39.0060, 41.5413, 52.9762

Protanopia

40.3331, 41.3993, 51.7640

Deuteranopia

42.3711, 41.5812, 53.3697



Tritanopia

39.1134, 41.5843, 53.5420

Trichromacy



Original Color

39.0060, 41.5413, 52.9762

Protanomaly

39.7639, 41.3750, 52.3448

Deuteranomaly

41.1310, 41.4943, 53.4183

Tritanomaly

39.1134, 41.5843, 53.5420

Monochromacy



Original Color

39.0060, 41.5413, 52.9762

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.0278, 41.3863, 47.5263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0060, 41.5413, 52.9762 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(162, 174, 187) looks like.

```
.text, #text, p{  
    color:rgb(162, 174, 187)  
}
```

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(162, 174, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 174, 187) }
```

Border

The CSS property to change the border of an element to XYZ 39.0060, 41.5413, 52.9762 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(162, 174, 187) }
```


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

```
.border{ border-color:rgb(162, 174, 187) }
```

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

Here you see how a box with a 4 pixel rgb(162, 174, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 174, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 174, 187);  
box-shadow:4px 4px 4px 4px rgb(162, 174,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0060, 41.5413, 52.9762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 174, 187) }
```

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

```
.background{ background-color: rgb(162,  
174, 187) }
```

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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