

Converting Colors

XYZ(36.8151, 40.1923, 50.0390)

Have a look what the booklet for
XYZ(36.8151, 40.1923, 50.0390)
contains.

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Color

**XYZ(36.9046, 40.2331,
50.0767)**

Conversions

Conversions Part 1

Format	Color
Hex	9BADB6
RGB	155, 173, 182
RGB Percent	61%, 68%, 71%
CMY	0.3922, 0.3216, 0.2863
CMYK	0.15, 0.05, 0.00, 0.29
HSL	200°, 16%, 66%
HSV	200°, 15%, 71%
XYZ	36.9046, 40.2331, 50.0767
YIQ	168.6440, -13.6170, -1.0170

Conversions

Conversions Part 2

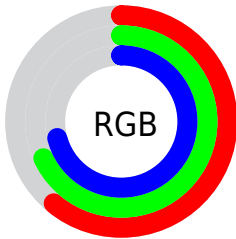
Format	Color
R _{YB}	155, 166, 182
Decimal	10202550
CIE Lab	69.64, -4.35, -6.73
CIE LCh	70, 8.015, 237.138
Yxy	40.2331, 0.2901, 0.3163
Android (android.graphics.Color)	4288392630 (0xFF9BADB6)
YUV	168.6440, 6.5845, -11.9658
Hunter-Lab	63.4296, -7.1468, -2.4079

Details

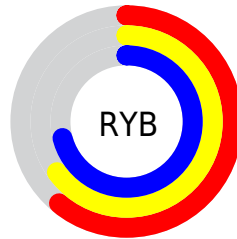
The XYZ color **36.9046, 40.2331, 50.0767** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4835, 38.8624, 36.4839**, and the grayscale version is **37.5106, 39.4640, 42.9763**.

A 20% lighter version of the original color is **69.7544, 75.3615, 91.7587**, and **16.5087, 18.2028, 23.4123** is the 20% darker color. If you saturate the color by 10%, you get **32.5351, 36.2941, 49.5473**, and if you desaturate by 10%, it is **41.8557, 44.5525, 50.6501**.

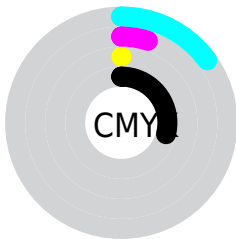
Distribution



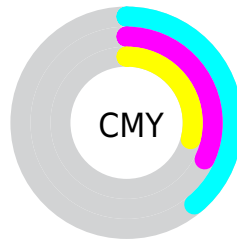
- Red (61%)
- Green (68%)
- Blue (71%)



- Red (61%)
- Yellow (65%)
- Blue (71%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)



- Cyan (39%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9046, 40.2331, 50.0767 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 36.9046, 40.2331, 50.0767 by changing the saturation by 10% instead.

■ 36.9046, 40.2331,
50.0767

■ 36.9046, 40.2331,
50.0767

324.2600,
347.1051, 403.7095

■ 25.3070, 27.7203,
35.1027

■ 69.7408, 75.5183,
91.6860

■ 16.4359, 18.1150,
23.4578

■ 91.7101, 99.0596,
119.1584

■ 9.9259, 11.0325,
14.7235

117.8674,
127.0458, 151.6340

■ 5.4117, 6.0887,
8.4811

148.5779,
159.8614, 189.5314

■ 2.5280, 2.8991,
4.3121

184.2071,
197.8907, 233.2691

■ 0.9094, 1.0793,
1.7981

225.1202,

■ 0.0000, 0.0000,

241.5182, 283.2657

0.4267

271.6828,
291.1282, 339.9396

■ 0.0000, 0.0000,
0.0000

■ 36.9046, 40.2331,
50.0767

■ 36.9046, 40.2331,
50.0767

■ 32.5351, 36.2941,
49.5473

■ 41.8557, 44.5525,
50.6501

■ 28.7196, 32.7169,
49.0580

■ 47.4076, 49.2599,
51.2661

■ 25.4332, 29.4888,
48.6081

■ 53.5829, 54.3691,
51.9268

■ 22.6478, 26.5942,
48.1962

■ 60.4020, 59.8915,
52.6333

■ 20.3323, 24.0161,
47.8206

■ 67.8841, 65.8381,
53.3868

■ 18.4522, 21.7354,
47.4795

■ 72.5809, 70.4319,
54.0260

■ 16.9675, 19.7304,
47.1707

■ 74.1011, 73.4724,
54.5327

■ 15.8297, 17.9750,
46.8919

■ 75.6786, 76.6275,
55.0585

■ 15.3237, 17.1377,
46.7569

■ 77.3141, 79.8984,
55.6037

Harmonies

Analogous

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



36.0662, 40.2331, 47.1423



36.9046, 40.2331, 50.0767



38.1161, 40.2331, 51.3252

Triad

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



36.9046, 40.2331, 50.0767



40.7825, 40.2331, 44.1641



37.1154, 40.2331, 37.7603

Complementary

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



36.9046, 40.2331, 50.0767



38.4835, 38.8624, 36.4839

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.



38.3649, 40.2331, 37.0613



36.9046, 40.2331, 50.0767



40.5002, 40.2331, 40.6329

Square

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



36.9046, 40.2331, 50.0767



40.3711, 40.2331, 47.7931



39.6080, 40.2331, 38.0838



36.1859, 40.2331, 40.0490

Rectangle

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



36.9046, 40.2331, 50.0767



38.9791, 40.2331, 50.9838



39.6080, 40.2331, 38.0838



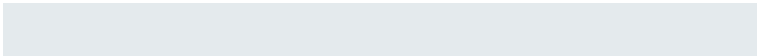
37.5110, 40.2331, 37.3374

Sweetspot

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



36.9058, 40.2348, 50.0776



76.6161, 81.4016, 91.9097



36.9064, 43.0893, 41.2818



16.7631, 17.8426, 20.2821



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.



36.9058, 40.2348, 50.0776



64.0428, 70.3892, 90.4468



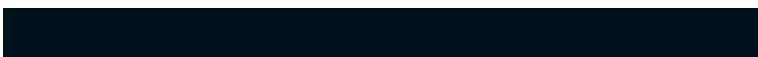
34.5239, 35.4709, 49.2836



9.0077, 9.6927, 11.4756



10.8843, 12.2283, 33.0397



0.4381, 0.5398, 1.1829

Inverse Universe

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



38.5565, 36.4057, 44.5320



67.6793, 62.1440, 78.1869



40.9405, 43.7764, 37.3029



9.2502, 9.1105, 10.6652



16.1076, 8.0168, 13.7192



0.5953, 0.2936, 0.6282

Previews

White Background



This preview shows how the XYZ color 36.9046, 40.2331, 50.0767 looks on a white background.

Color Contrast Check

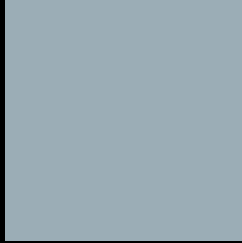
Large Text (above 18pt) WCAG AA × Fail

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 36.9046, 40.2331, 50.0767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

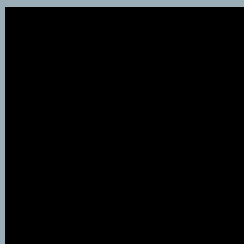
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

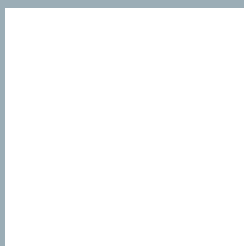
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.9046, 40.2331, 50.0767

Background



This preview shows how black text looks on a background with the XYZ color 36.9046, 40.2331, 50.0767.



This preview shows how white text looks on a background with the XYZ color 36.9046, 40.2331,

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

36.9046, 40.2331, 50.0767

Protanopia

38.9022, 40.1767, 48.3523

Deuteranopia

40.9293, 40.0743, 50.9253



Tritanopia

37.3258, 40.1181, 52.2307

Trichromacy



Original Color

36.9046, 40.2331, 50.0767

Protanomaly

38.1300, 40.0441, 48.8996

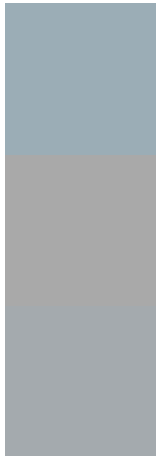
Deuteranomaly

39.3445, 40.0821, 50.4627

Tritanomaly

37.2198, 40.0757, 51.6726

Monochromacy



Original Color

36.9046, 40.2331, 50.0767

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.3245, 39.6980, 45.7397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9046, 40.2331, 50.0767 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(155, 173, 182)` looks like.

```
.text, #text, p{  
    color:rgb(155, 173, 182)  
}
```

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(155, 173, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 173, 182) }
```

Border

The CSS property to change the border of an element to XYZ 36.9046, 40.2331, 50.0767 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(155, 173, 182) }
```


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

```
.border{ border-color:rgb(155, 173, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 173, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 173, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 173, 182);  
box-shadow:4px 4px 4px 4px rgb(155, 173,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9046, 40.2331, 50.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 173, 182) }
```

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

```
.background{ background-color: rgb(155,  
173, 182) }
```

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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