

Converting Colors

XYZ(38.4418, 42.3296, 52.6967)

Have a look what the booklet for
XYZ(38.4418, 42.3296, 52.6967)
contains.

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Color

**XYZ(38.4936, 42.4539,
52.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB2BA
RGB	156, 178, 186
RGB Percent	61%, 70%, 73%
CMY	0.3882, 0.3019, 0.2706
CMYK	0.16, 0.04, 0.00, 0.27
HSL	196°, 18%, 67%
HSV	196°, 16%, 73%
XYZ	38.4936, 42.4539, 52.6200
YIQ	172.3340, -15.6800, -2.1760

Conversions

Conversions Part 2

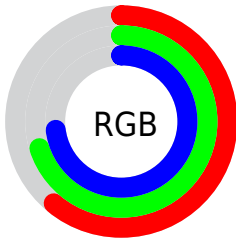
Format	Color
R_{YB}	156, 169, 186
Decimal	10269370
CIE _{Lab}	71.18, -5.86, -6.63
CIE _{LCh}	71, 8.850, 228.561
Yxy	42.4539, 0.2882, 0.3178
Android (android.graphics.Color)	4288459450 (0xFF9CB2BA)
YUV	172.3340, 6.7373, -14.3249
Hunter-Lab	65.1567, -8.5690, -2.2725

Details

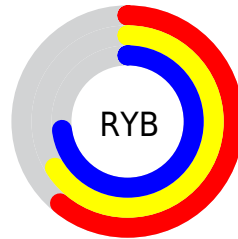
The XYZ color **38.4936, 42.4539, 52.6200** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5262, 39.3902, 36.9730**, and the grayscale version is **39.3555, 41.4050, 45.0901**.

A 20% lighter version of the original color is **72.3138, 79.1053, 95.4619**, and **17.2762, 19.3037, 25.0057** is the 20% darker color. If you saturate the color by 10%, you get **34.1978, 38.8022, 52.1422**, and if you desaturate by 10%, it is **43.3787, 46.4646, 53.1374**.

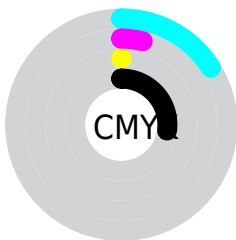
Distribution



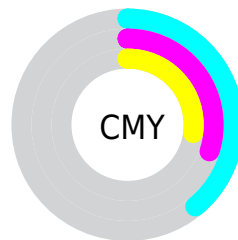
- Red (61%)
- Green (70%)
- Blue (73%)



- Red (61%)
- Yellow (66%)
- Blue (73%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (39%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4936, 42.4539, 52.6200 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 38.4936, 42.4539, 52.6200 by changing the saturation by 10% instead.

■ 38.4936, 42.4539,
52.6200

■ 38.4936, 42.4539,
52.6200

330.9770,
356.3611, 413.8504

■ 26.5450, 29.4569,
37.1139

■ 72.1631, 78.8861,
95.4808

■ 17.3666, 19.4267,
24.9992

■ 94.6147, 103.0901,
123.6726

■ 10.5931, 11.9790,
15.8574

121.2979,
131.7985, 156.9300

■ 5.8592, 6.7294,
9.2701

152.5782,
165.3958, 195.6716

■ 2.7995, 3.2934,
4.8185

188.8210,
204.2663, 240.3159

■ 1.0486, 1.2868,
2.0843

230.3914,

■ 0.0000, 0.1309,

248.7944, 291.2814

0.6064

277.6550,
299.3645, 348.9867

■ 0.0000, 0.0000,
0.0000

■ 38.4936, 42.4539,
52.6200

■ 38.4936, 42.4539,
52.6200

■ 34.1978, 38.8022,
52.1422

■ 43.3787, 46.4646,
53.1374

■ 30.4623, 35.4905,
51.6999

■ 48.8732, 50.8418,
53.6926

■ 27.2609, 32.5061,
51.2926

■ 55.0007, 55.5994,
54.2880

■ 24.5641, 29.8330,
50.9188

■ 61.7824, 60.7488,
54.9245

■ 22.3389, 27.4539,
50.5768

■ 69.2386, 66.3010,
55.6032

■ 20.5488, 25.3490,
50.2649

■ 72.5991, 69.7974,
56.1009

■ 19.1508, 23.4958,
49.9809

■ 73.8252, 72.2495,
56.5096

■ 18.0900, 21.8653,
49.7221

■ 75.0893, 74.7778,
56.9310

■ 17.7261, 21.2712,
49.6266

■ 76.3920, 77.3830,
57.3652

Harmonies

Analogous

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



37.7084, 42.4539, 48.8730



38.4936, 42.4539, 52.6200



39.7884, 42.4539, 54.6984

Triad

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



38.4936, 42.4539, 52.6200



43.2104, 42.4539, 47.8634



39.4505, 42.4539, 38.9089

Complementary

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



38.4936, 42.4539, 52.6200



39.5262, 39.3902, 36.9730

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.



40.9192, 42.4539, 38.6754



38.4936, 42.4539, 52.6200



43.1146, 42.4539, 43.6746

Square

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



38.4936, 42.4539, 52.6200



42.5263, 42.4539, 51.8421



42.2675, 42.4539, 40.3705



38.2515, 42.4539, 41.0292

Rectangle

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



38.4936, 42.4539, 52.6200



40.7770, 42.4539, 54.7781



42.2675, 42.4539, 40.3705



39.9283, 42.4539, 38.6122

Sweetspot

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



38.4948, 42.4557, 52.6210



79.6145, 85.0169, 96.4152



37.9257, 44.8488, 41.5442



17.3851, 18.6033, 21.2171



90.7827, 95.5105, 104.0109



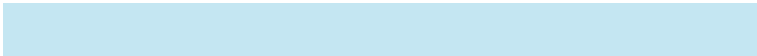
18.6292, 19.5994, 21.3438

Same Dimension

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



38.4948, 42.4557, 52.6210



67.1787, 74.7739, 95.0935



35.7601, 36.9861, 51.7094



9.0587, 9.7946, 11.4925



11.9894, 14.4385, 33.4081



0.4706, 0.6048, 1.1937

Inverse Universe

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



40.1750, 37.4312, 47.2290



70.7741, 64.2139, 83.5125



42.2712, 44.8803, 37.8880



9.2760, 9.1208, 10.8006



16.6654, 8.2399, 16.6566



0.6117, 0.3002, 0.7146

Previews

White Background



This preview shows how the XYZ color 38.4936, 42.4539, 52.6200 looks on a white background.

Color Contrast Check

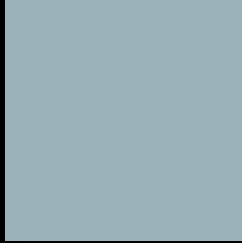
Large Text (above 18pt) WCAG AA × Fail

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 38.4936, 42.4539, 52.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

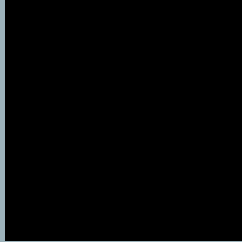
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

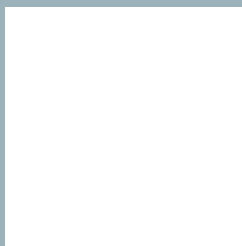
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4936, 42.4539, 52.6200

Background



This preview shows how black text looks on a background with the XYZ color 38.4936, 42.4539, 52.6200.



This preview shows how white text looks on a background with the XYZ color 38.4936, 42.4539,

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

38.4936, 42.4539, 52.6200

Protanopia

40.9464, 42.3047, 50.8073

Deuteranopia

43.2727, 42.3211, 53.4650



Tritanopia

39.0307, 42.3740, 55.4121

Trichromacy



Original Color

38.4936, 42.4539, 52.6200

Protanomaly

39.9181, 42.3361, 51.4152

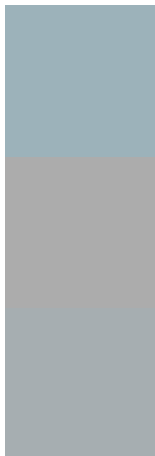
Deuteranomaly

41.1777, 42.0916, 52.9679

Tritanomaly

38.8121, 42.2865, 54.2606

Monochromacy



Original Color

38.4936, 42.4539, 52.6200

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.7977, 41.5534, 47.5707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4936, 42.4539, 52.6200 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(156, 178, 186)` looks like.

```
.text, #text, p{  
    color:rgb(156, 178, 186)  
}
```

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(156, 178, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 178, 186) }
```

Border

The CSS property to change the border of an element to XYZ 38.4936, 42.4539, 52.6200 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(156, 178, 186) }
```


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

```
.border{ border-color:rgb(156, 178, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 178, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 178, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 178, 186);  
box-shadow:4px 4px 4px 4px rgb(156, 178,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4936, 42.4539, 52.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 178, 186) }
```

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

```
.background{ background-color: rgb(156,  
178, 186) }
```

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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