

Converting Colors

XYZ(40.5928, 39.9129, 50.3642)

Have a look what the booklet for
XYZ(40.5928, 39.9129, 50.3642)
contains.

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Color

**XYZ(40.5928, 39.9129,
50.3642)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A5B7
RGB	179, 165, 183
RGB Percent	70%, 65%, 72%
CMY	0.2980, 0.3529, 0.2823
CMYK	0.02, 0.10, 0.00, 0.28
HSL	287°, 11%, 68%
HSV	287°, 10%, 72%
XYZ	40.5928, 39.9129, 50.3642
YIQ	171.2380, 2.5660, 8.5660

Conversions

Conversions Part 2

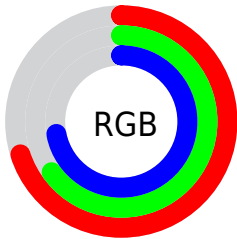
Format	Color
RYB	179, 165, 183
Decimal	11773367
CIELab	69.41, 8.40, -7.42
CIELCh	69, 11.208, 318.548
Yxy	39.9129, 0.3102, 0.3050
Android (android.graphics.Color)	4289963447 (0xFFB3A5B7)
YUV	171.2380, 5.7987, 6.8073
Hunter-Lab	63.1767, 4.1322, -3.0421

Details

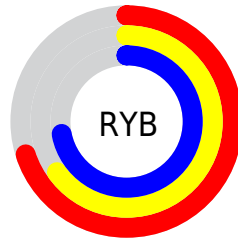
The XYZ color **40.5928, 39.9129, 50.3642** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0887, 45.0196, 42.1761**, and the grayscale version is **38.8001, 40.8208, 44.4538**.

A 20% lighter version of the original color is **75.4341, 75.0806, 92.1775**, and **18.5386, 17.8576, 23.5889** is the 20% darker color. If you saturate the color by 10%, you get **36.5996, 33.3008, 49.2990**, and if you desaturate by 10%, it is **45.0884, 47.4873, 51.5899**.

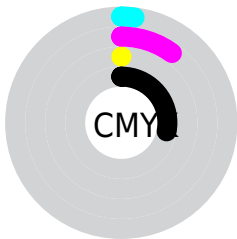
Distribution



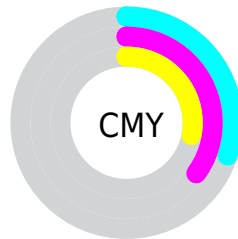
- Red (70%)
- Green (65%)
- Blue (72%)



- Red (70%)
- Yellow (65%)
- Blue (72%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (28%)



- Cyan (30%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5928, 39.9129, 50.3642 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 40.5928, 39.9129, 50.3642 by changing the saturation by 10% instead.

■ 40.5928, 39.9129,
50.3642

■ 40.5928, 39.9129,
50.3642

339.7076,
345.7563, 404.8643

■ 28.1873, 27.4706,
35.3297

■ 75.3440, 75.0309,
92.1161

■ 18.6081, 17.9270,
23.6313

■ 98.4204, 98.4754,
119.6706

■ 11.4898, 10.8976,
14.8507

125.7845,
126.3560, 152.2354

■ 6.4670, 5.9980,
8.5692

157.8016,
159.0573, 190.2292

■ 3.1744, 2.8439,
4.3683

194.8371,
196.9636, 234.0704

■ 1.2466, 1.0508,
1.8295

237.2564,

■ 0.1427, 0.0000,

240.4593, 284.1776

0.4473

285.4247,
289.9287, 340.9694

■ 0.0000, 0.0000,
0.0000

■ 40.5928, 39.9129,
50.3642

■ 40.5928, 39.9129,
50.3642

■ 36.5996, 33.3008,
49.2990

■ 45.0884, 47.4873,
51.5899

■ 33.0850, 27.6059,
48.3850

■ 50.1019, 56.0565,
52.9797

■ 30.0286, 22.7870,
47.6160

■ 55.6524, 65.6579,
54.5404

■ 27.4071, 18.7977,
46.9841

■ 61.7570, 76.3253,
56.2776

■ 25.1950, 15.5873,
46.4810

■ 67.9500, 87.1272,
58.0362

■ 23.3639, 13.0996,
46.0974

■ 69.0461, 87.6923,
58.0875

■ 21.8816, 11.2707,
45.8225

■ 70.1713, 88.2723,
58.1401

■ 20.7104, 10.0250,
45.6438

■ 71.3258, 88.8675,
58.1942

■ 19.7743, 9.2115,
45.5361

■ 72.5098, 89.4778,
58.2496

Harmonies

Analogous

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



39.0490, 39.9129, 53.5617



40.5928, 39.9129, 50.3642



41.4344, 39.9129, 45.4585

Triad

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



40.5928, 39.9129, 50.3642



38.6281, 39.9129, 34.4399



34.7449, 39.9129, 46.6921

Complementary

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



40.5928, 39.9129, 50.3642



40.0887, 45.0196, 42.1761

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.



34.6403, 39.9129, 41.5177



40.5928, 39.9129, 50.3642



36.8444, 39.9129, 34.7129

Square

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



40.5928, 39.9129, 50.3642



40.2764, 39.9129, 36.4368



35.3978, 39.9129, 37.2145



35.6881, 39.9129, 51.3286

Rectangle

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



40.5928, 39.9129, 50.3642



41.4667, 39.9129, 41.9999



35.3978, 39.9129, 37.2145



34.6116, 39.9129, 44.9502

Sweetspot

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



40.5940, 39.9146, 50.3651



78.0638, 80.4957, 91.6585



38.2912, 39.8705, 50.4779



17.0964, 17.5334, 20.2048



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.



40.5940, 39.9146, 50.3651



70.9316, 68.5330, 89.7254



41.0408, 40.2017, 47.8225



9.1804, 9.0594, 11.3442



13.8450, 6.4486, 31.7681



0.5370, 0.2526, 1.1222

Inverse Universe

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



40.1464, 39.8439, 43.1128



69.9680, 68.3874, 73.8136



39.6887, 44.7620, 44.4809



9.0842, 9.0440, 9.7906



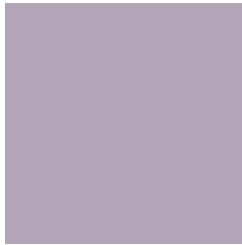
13.9204, 7.1419, 2.2017



0.5144, 0.2612, 0.2023

Previews

White Background



This preview shows how the XYZ color 40.5928, 39.9129, 50.3642 looks on a white background.

Color Contrast Check

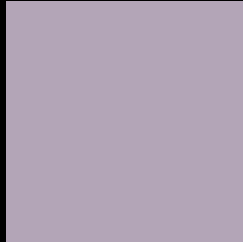
Large Text (above 18pt) WCAG AA × Fail

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 40.5928, 39.9129, 50.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

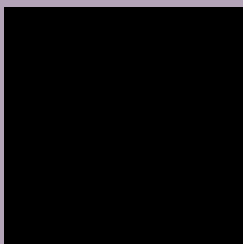
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

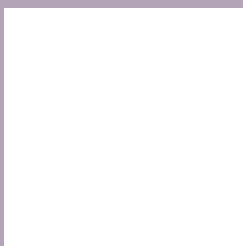
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.5928, 39.9129, 50.3642

Background



This preview shows how black text looks on a background with the XYZ color 40.5928, 39.9129, 50.3642.



This preview shows how white text looks on a background with the XYZ color 40.5928, 39.9129,

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

40.5928, 39.9129, 50.3642

Protanopia

38.9080, 39.8329, 51.5368

Deuteranopia

40.8248, 40.0325, 50.3751



Tritanopia

40.1330, 39.9921, 48.2518

Trichromacy



Original Color

40.5928, 39.9129, 50.3642

Protanomaly

39.4837, 39.8688, 50.9618

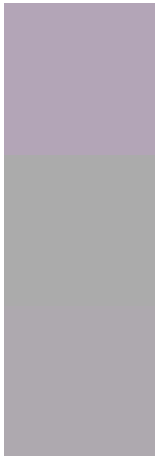
Deuteranomaly

40.8248, 40.0325, 50.3751

Tritanomaly

40.2345, 40.0327, 48.7865

Monochromacy



Original Color

40.5928, 39.9129, 50.3642

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.3814, 40.4698, 46.2933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5928, 39.9129, 50.3642 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(179, 165, 183)` looks like.

```
.text, #text, p{  
    color:rgb(179, 165, 183)  
}
```

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(179, 165, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 165, 183) }
```

Border

The CSS property to change the border of an element to XYZ 40.5928, 39.9129, 50.3642 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(179, 165, 183) }
```


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

```
.border{ border-color:rgb(179, 165, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 165, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 165, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 165, 183);  
box-shadow:4px 4px 4px 4px rgb(179, 165,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5928, 39.9129, 50.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 165, 183) }
```

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

```
.background{ background-color: rgb(179,  
165, 183) }
```

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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