

Converting Colors

XYZ(39.6077, 38.8565, 53.3861)

Have a look what the booklet for
XYZ(39.6077, 38.8565, 53.3861)
contains.

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Color

**XYZ(39.5161, 38.7527,
53.5414)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA3BD
RGB	173, 163, 189
RGB Percent	68%, 64%, 74%
CMY	0.3216, 0.3608, 0.2588
CMYK	0.08, 0.14, 0.00, 0.26
HSL	263°, 16%, 69%
HSV	263°, 14%, 74%
XYZ	39.5161, 38.7527, 53.5414
YIQ	168.9540, -2.3860, 10.2060

Conversions

Conversions Part 2

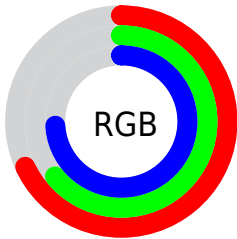
Format	Color
RYB	173, 163, 189
Decimal	11379645
CIELab	68.57, 8.64, -12.05
CIELCh	69, 14.827, 305.660
Yxy	38.7527, 0.2998, 0.2940
Android (android.graphics.Color)	4289569725 (0xFFADA3BD)
YUV	168.9540, 9.8827, 3.5483
Hunter-Lab	62.2517, 4.3678, -7.4180

Details

The XYZ color **39.5161, 38.7527, 53.5414** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.4001, 48.6242, 41.7501**, and the grayscale version is **37.6438, 39.6042, 43.1290**.

A 20% lighter version of the original color is **73.8659, 73.3934, 96.6594**, and **18.0135, 17.2114, 25.6653** is the 20% darker color. If you saturate the color by 10%, you get **33.9471, 31.2677, 52.3908**, and if you desaturate by 10%, it is **45.8129, 47.3594, 54.8714**.

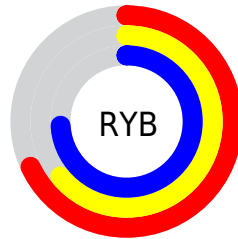
Distribution



Red (68%)

Green (64%)

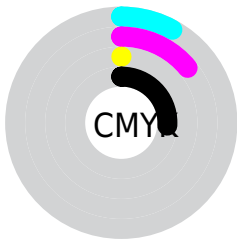
Blue (74%)



Red (68%)

Yellow (64%)

Blue (74%)

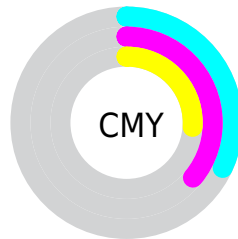


Cyan (8%)

Magenta (14%)

Yellow (0%)

Black (26%)



Cyan (32%)

Magenta (36%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5161, 38.7527, 53.5414 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 39.5161, 38.7527, 53.5414 by changing the saturation by 10% instead.

■ 39.5161, 38.7527,
53.5414

■ 39.5161, 38.7527,
53.5414

335.2493,
340.8379, 417.4839

■ 27.3440, 26.5674,
37.8445

■ 73.7151, 73.2604,
96.8502

■ 17.9697, 17.2486,
25.5611

■ 96.4727, 96.3515,
125.2991

■ 11.0278, 10.4119,
16.2728

123.4896,
123.8468, 158.8357

■ 6.1529, 5.6729,
9.5609

155.1309,
156.1305, 197.8786

■ 2.9798, 2.6472,
5.0071

191.7623,
193.5871, 242.8464

■ 1.1431, 0.9505,
2.1926

233.7488,

■ 0.0607, 0.0000,

236.6009, 294.1575

0.6701

281.4561,
285.5564, 352.2304

■ 0.0000, 0.0000,
0.0000

■ 39.5161, 38.7527,
53.5414

■ 39.5161, 38.7527,
53.5414

■ 33.9471, 31.2677,
52.3908

■ 45.8129, 47.3594,
54.8714

■ 29.0745, 24.8523,
51.4093

■ 52.8603, 57.1274,
56.3854

■ 24.8698, 19.4573,
50.5896

■ 60.6843, 68.1002,
58.0910

■ 21.3009, 15.0279,
49.9227

■ 69.3086, 80.3177,
59.9946

■ 18.3329, 11.5038,
49.3989

■ 77.9519, 92.2096,
61.8344

■ 15.9271, 8.8178,
49.0072

■ 81.8354, 94.2116,
62.0162

■ 14.0396, 6.8925,
48.7351

■ 85.9732, 96.3448,
62.2098

■ 12.6186, 5.6357,
48.5674

■ 86.1854, 96.4542,
62.2198

■ 11.9094, 5.0784,
48.4972

Harmonies

Analogous

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



37.2783, 38.7527, 56.3443



39.5161, 38.7527, 53.5414



41.0820, 38.7527, 47.7258

Triad

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



39.5161, 38.7527, 53.5414



38.7169, 38.7527, 31.5202



32.5392, 38.7527, 43.4774

Complementary

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



39.5161, 38.7527, 53.5414



43.4001, 48.6242, 41.7501

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.



32.8881, 38.7527, 37.1091



39.5161, 38.7527, 53.5414



36.3918, 38.7527, 30.6383

Square

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



39.5161, 38.7527, 53.5414



40.6071, 38.7527, 35.1271



34.2747, 38.7527, 32.5769



33.3009, 38.7527, 50.1528

Rectangle

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



39.5161, 38.7527, 53.5414



41.4992, 38.7527, 43.1767



34.2747, 38.7527, 32.5769



32.5309, 38.7527, 41.2285

Sweetspot

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



39.5173, 38.7543, 53.5423



81.6818, 84.3130, 98.1951



40.4176, 43.7155, 54.4524



17.3730, 17.8666, 21.0755



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.



39.5173, 38.7543, 53.5423



67.1205, 64.4686, 95.1322



42.5252, 40.3050, 53.6830



9.3541, 9.3994, 11.9935



8.0925, 3.4579, 32.6338



0.3905, 0.1733, 1.2817

Inverse Universe

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



42.2214, 40.2695, 48.1969



73.1001, 67.8211, 83.2170



40.5426, 47.1511, 41.6164



9.7702, 9.6324, 11.1789



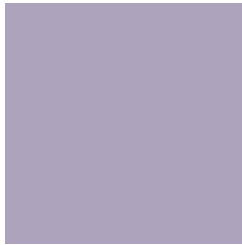
16.2918, 8.1479, 12.0962



0.6692, 0.3316, 0.6373

Previews

White Background



This preview shows how the XYZ color 39.5161, 38.7527, 53.5414 looks on a white background.

Color Contrast Check

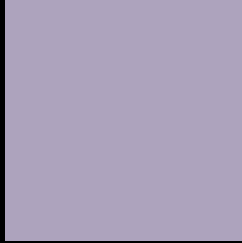
Large Text (above 18pt) WCAG AA × Fail

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 39.5161, 38.7527, 53.5414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

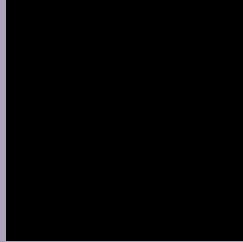
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5161, 38.7527, 53.5414

Background



This preview shows how black text looks on a background with the XYZ color 39.5161, 38.7527, 53.5414.



This preview shows how white text looks on a background with the XYZ color 39.5161, 38.7527,

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

39.5161, 38.7527, 53.5414

Protanopia

38.1444, 38.8206, 54.7729

Deuteranopia

39.5161, 38.7527, 53.5414



Tritanopia

38.2856, 38.7825, 47.5874

Trichromacy



Original Color

39.5161, 38.7527, 53.5414

Protanomaly

38.6857, 38.8435, 54.1738

Deuteranomaly

39.5161, 38.7527, 53.5414

Tritanomaly

38.7322, 38.6990, 49.6842

Monochromacy



Original Color

39.5161, 38.7527, 53.5414

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.2328, 39.3181, 46.6484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5161, 38.7527, 53.5414 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(173, 163, 189)` looks like.

```
.text, #text, p{  
    color:rgb(173, 163, 189)  
}
```

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(173, 163, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 163, 189) }
```

Border

The CSS property to change the border of an element to XYZ 39.5161, 38.7527, 53.5414 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(173, 163, 189) }
```


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

```
.border{ border-color:rgb(173, 163, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 163, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 163, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 163, 189);  
box-shadow:4px 4px 4px 4px rgb(173, 163,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5161, 38.7527, 53.5414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 163, 189) }
```

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

```
.background{ background-color: rgb(173,  
163, 189) }
```

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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