

Converting Colors

XYZ(39.8261, 38.3387, 55.7531)

Have a look what the booklet for
XYZ(39.8261, 38.3387, 55.7531)
contains.

XYZ(39.8261, 38.3387, 55.7531)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.8261, 38.3387,
55.7531)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA1C1
RGB	174, 161, 193
RGB Percent	68%, 63%, 76%
CMY	0.3176, 0.3686, 0.2431
CMYK	0.10, 0.17, 0.00, 0.24
HSL	264°, 21%, 69%
HSV	264°, 17%, 76%
XYZ	39.8261, 38.3387, 55.7531
YIQ	168.5350, -2.5240, 12.7080

Conversions

Conversions Part 2

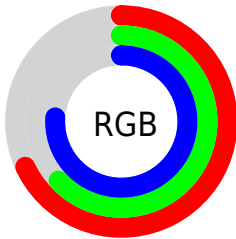
Format	Color
RYB	174, 161, 193
Decimal	11444673
CIELab	68.27, 10.92, -14.71
CIELCh	68, 18.322, 306.584
Yxy	38.3387, 0.2974, 0.2863
Android (android.graphics.Color)	4289634753 (0xFFAEA1C1)
YUV	168.5350, 12.0612, 4.7928
Hunter-Lab	61.9183, 6.4551, -10.0438

Details

The XYZ color **39.8261, 38.3387, 55.7531** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.3267, 50.4174, 41.1153**, and the grayscale version is **37.4269, 39.3760, 42.8805**.

A 20% lighter version of the original color is **74.2879, 72.7743, 99.7540**, and **18.0140, 16.8663, 26.7322** is the 20% darker color. If you saturate the color by 10%, you get **34.2653, 30.8465, 54.6006**, and if you desaturate by 10%, it is **46.1277, 46.9876, 57.0910**.

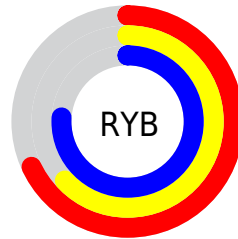
Distribution



Red (68%)

Green (63%)

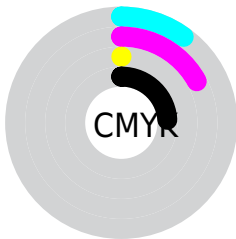
Blue (76%)



Red (68%)

Yellow (63%)

Blue (76%)

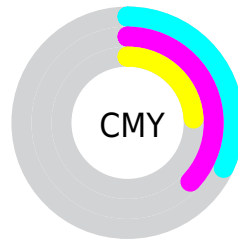


Cyan (10%)

Magenta (17%)

Yellow (0%)

Black (24%)



Cyan (32%)

Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8261, 38.3387, 55.7531 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 39.8261, 38.3387, 55.7531 by changing the saturation by 10% instead.

■ 39.8261, 38.3387,
55.7531

■ 39.8261, 38.3387,
55.7531

336.5371,
339.0707, 426.1225

■ 27.5866, 26.2457,
39.6023

■ 74.1847, 72.6270,
100.1257

■ 18.1531, 17.0075,
26.9172

■ 97.0344, 95.5910,
129.1846

■ 11.1603, 10.2399,
17.2792

124.1516,
122.9475, 163.3833

■ 6.2429, 5.5583,
10.2697

155.9017,
155.0809, 203.1403

■ 3.0354, 2.5784,
5.4702

192.6499,
192.3755, 248.8742

■ 1.1725, 0.9158,
2.4622

234.7616,

■ 0.0845, 0.0000,

235.2157, 301.0035

0.8200

282.6022,
283.9860, 359.9468

■ 0.0000, 0.0000,
0.0000

■ 39.8261, 38.3387,
55.7531

■ 39.8261, 38.3387,
55.7531

■ 34.2653, 30.8465,
54.6006

■ 46.1277, 46.9876,
57.0910

■ 29.4126, 24.4559,
53.6229

■ 53.1940, 56.8355,
58.6194

■ 25.2379, 19.1141,
52.8119

■ 61.0523, 67.9287,
60.3464

■ 21.7073, 14.7622,
52.1579

■ 69.7272, 80.3095,
62.2789

■ 18.7837, 11.3354,
51.6506

■ 78.4383, 92.4095,
64.1553

■ 16.4260, 8.7605,
51.2779

■ 82.2658, 94.3827,
64.3345

■ 14.5867, 6.9530,
51.0259

■ 86.3401, 96.4831,
64.5251

■ 13.2051, 5.8019,
50.8765

■ 86.6257, 96.6303,
64.5385

■ 12.8005, 5.4870,
50.8371

Harmonies

Analogous

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



37.0757, 38.3387, 59.4803



39.8261, 38.3387, 55.7531



41.7378, 38.3387, 48.3403

Triad

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



39.8261, 38.3387, 55.7531



38.6755, 38.3387, 28.8647



31.2317, 38.3387, 43.5813

Complementary

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



39.8261, 38.3387, 55.7531



44.3267, 50.4174, 41.1153

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.



31.6102, 38.3387, 35.7775



39.8261, 38.3387, 55.7531



35.8112, 38.3387, 27.9391

Square

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



39.8261, 38.3387, 55.7531



41.0495, 38.3387, 33.0217



33.2511, 38.3387, 30.3038



32.1888, 38.3387, 51.8818

Rectangle

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



39.8261, 38.3387, 55.7531



42.2261, 38.3387, 42.6925



33.2511, 38.3387, 30.3038



31.2078, 38.3387, 40.8103

Sweetspot

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



39.8273, 38.3403, 55.7539



84.4244, 86.6614, 102.6380



40.6866, 44.1520, 56.8304



17.9277, 18.3366, 21.9797



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



39.8273, 38.3403, 55.7539



67.4581, 63.4178, 99.0457



43.5569, 40.2630, 55.9285



9.9070, 9.9432, 12.6819



8.5993, 3.6936, 33.8163



0.4496, 0.1998, 1.4648

Inverse Universe

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



42.9767, 40.1241, 48.6614



74.2507, 67.2676, 83.6372



40.8555, 48.6279, 40.9529



10.3185, 10.1760, 11.7678



16.7109, 8.3741, 11.6555



0.7555, 0.3752, 0.6798

Previews

White Background



This preview shows how the XYZ color 39.8261, 38.3387, 55.7531 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 39.8261, 38.3387, 55.7531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

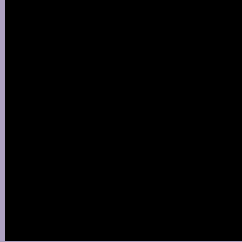
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8261, 38.3387, 55.7531

Background



This preview shows how black text looks on a background with the XYZ color 39.8261, 38.3387, 55.7531.



This preview shows how white text looks on a background with the XYZ color 39.8261, 38.3387,

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

39.8261, 38.3387, 55.7531

Protanopia

37.9161, 38.3694, 57.6322

Deuteranopia

39.1235, 38.2370, 55.7705



Tritanopia

38.0059, 38.3832, 47.0005

Trichromacy



Original Color

39.8261, 38.3387, 55.7531

Protanomaly

38.6428, 38.4904, 57.0224

Deuteranomaly

39.3406, 38.3488, 55.7807

Tritanomaly

38.6577, 38.3839, 50.1711

Monochromacy



Original Color

39.8261, 38.3387, 55.7531

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.4667, 39.1447, 47.6478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8261, 38.3387, 55.7531 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(174, 161, 193)` looks like.

```
.text, #text, p{  
    color:rgb(174, 161, 193)  
}
```

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(174, 161, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 161, 193) }
```

Border

The CSS property to change the border of an element to XYZ 39.8261, 38.3387, 55.7531 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(174, 161, 193) }
```


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

```
.border{ border-color:rgb(174, 161, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 161, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 161, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 161, 193);  
box-shadow:4px 4px 4px 4px rgb(174, 161,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8261, 38.3387, 55.7531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 161, 193) }
```

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

```
.background{ background-color: rgb(174,  
161, 193) }
```

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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