

Converting Colors

XYZ(36.3831, 38.5190, 51.9717)

Have a look what the booklet for
XYZ(36.3831, 38.5190, 51.9717)
contains.

XYZ(36.3831, 38.5190, 51.9717)	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(36.3831, 38.5190,
51.9717)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA8BA
RGB	155, 168, 186
RGB Percent	61%, 66%, 73%
CMY	0.3922, 0.3412, 0.2706
CMYK	0.17, 0.10, 0.00, 0.27
HSL	215°, 18%, 67%
HSV	215°, 17%, 73%
XYZ	36.3831, 38.5190, 51.9717
YIQ	166.1650, -13.5260, 2.8420

Conversions

Conversions Part 2

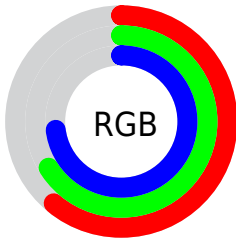
Format	Color
RYB	155, 164, 186
Decimal	10201274
CIELab	68.40, -0.76, -10.78
CIElCh	68, 10.809, 265.984
Yxy	38.5190, 0.2868, 0.3036
Android (android.graphics.Color)	4288391354 (0xFF9BA8BA)
YUV	166.1650, 9.7787, -9.7917
Hunter-Lab	62.0637, -3.9708, -6.2045

Details

The XYZ color **36.3831, 38.5190, 51.9717** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1099, 42.6926, 37.0848**, and the grayscale version is **36.2851, 38.1747, 41.5723**.

A 20% lighter version of the original color is **68.9930, 72.8878, 94.4368**, and **16.1879, 17.1273, 24.6430** is the 20% darker color. If you saturate the color by 10%, you get **31.1734, 32.9965, 51.1810**, and if you desaturate by 10%, it is **42.3105, 44.6593, 52.8451**.

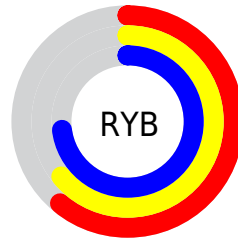
Distribution



Red (61%)

Green (66%)

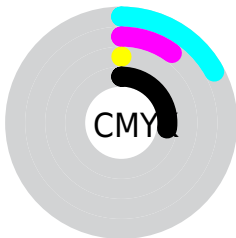
Blue (73%)



Red (61%)

Yellow (64%)

Blue (73%)

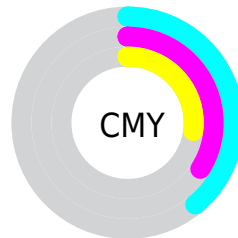


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (39%)

Magenta (34%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3831, 38.5190, 51.9717 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 36.3831, 38.5190, 51.9717 by changing the saturation by 10% instead.

■ 36.3831, 38.5190,
51.9717

■ 36.3831, 38.5190,
51.9717

322.0340,
339.8411, 411.2812

■ 24.9017, 26.3857,
36.6004

■ 68.9430, 72.9029,
94.5157

■ 16.1322, 17.1124,
24.6049

■ 90.7522, 95.9224,
122.5254

■ 9.7092, 10.3147,
15.5666

116.7346,
123.3394, 155.5851

■ 5.2673, 5.6081,
9.0670

147.2558,
155.5383, 194.1133

■ 2.4413, 2.6083,
4.6875

182.6809,
192.9036, 238.5284

■ 0.8658, 0.9308,
2.0096

223.3755,

■ 0.0000, 0.0000,

235.8195, 289.2491

0.5612

269.7047,
284.6706, 346.6938

■ 0.0000, 0.0000,
0.0000

■ 36.3831, 38.5190,
51.9717

■ 36.3831, 38.5190,
51.9717

■ 31.1734, 32.9965,
51.1810

■ 42.3105, 44.6593,
52.8451

■ 26.6490, 28.0662,
50.4678

■ 48.9796, 51.4324,
53.8009

■ 22.7797, 23.7072,
49.8303

■ 56.4173, 58.8589,
54.8424

■ 19.5318, 19.8959,
49.2659

■ 64.6482, 66.9567,
55.9716

■ 16.8682, 16.6063,
48.7713

■ 73.6957, 75.7431,
57.1907

■ 14.7475, 13.8102,
48.3434

■ 79.1842, 82.9675,
58.2959

■ 13.1221, 11.4754,
47.9784

■ 82.3318, 89.2628,
59.3451

■ 11.9290, 9.5618,
47.6719

■ 85.6698, 95.9386,
60.4577

■ 11.5885, 8.9960,
47.5806

■ 85.8630, 96.3252,
60.5222

Harmonies

Analogous

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



34.8157, 38.5190, 50.1743



36.3831, 38.5190, 51.9717



38.0596, 38.5190, 50.9154

Triad

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



36.3831, 38.5190, 51.9717



39.6237, 38.5190, 37.9777



33.9722, 38.5190, 36.9265

Complementary

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



36.3831, 38.5190, 51.9717



41.1099, 42.6926, 37.0848

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.



35.1999, 38.5190, 34.0878



36.3831, 38.5190, 51.9717



38.4673, 38.5190, 34.6610

Square

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



36.3831, 38.5190, 51.9717



39.9640, 38.5190, 42.5985



36.8402, 38.5190, 33.2912



33.4513, 38.5190, 41.2896

Rectangle

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



36.3831, 38.5190, 51.9717



39.0085, 38.5190, 48.7758



36.8402, 38.5190, 33.2912



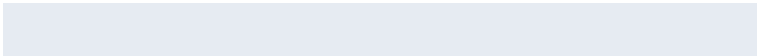
34.3141, 38.5190, 35.7759

Sweetspot

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



36.3843, 38.5206, 51.9726



78.5126, 82.8131, 96.0479



38.5781, 45.0874, 45.9858



17.1098, 18.0527, 21.1253



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.



36.3843, 38.5206, 51.9726



62.3387, 66.0233, 93.6596



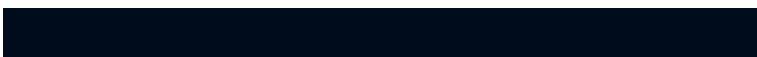
34.5026, 34.1634, 51.2307



8.8223, 9.3219, 11.4138



7.8669, 6.1935, 32.0339



0.3388, 0.3414, 1.1498

Inverse Universe

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



39.0398, 36.7098, 42.0757



68.1042, 62.2774, 72.1309



43.2272, 47.6672, 37.9334



9.1567, 9.0730, 10.1725



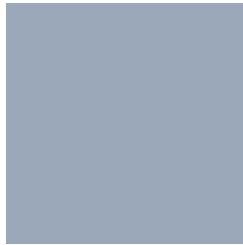
14.5845, 7.4076, 5.6990



0.5452, 0.2736, 0.3644

Previews

White Background



This preview shows how the XYZ color 36.3831, 38.5190, 51.9717 looks on a white background.

Color Contrast Check

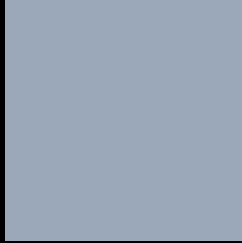
Large Text (above 18pt) WCAG AA × Fail

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 36.3831, 38.5190, 51.9717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

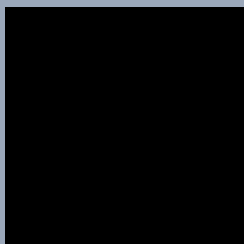
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

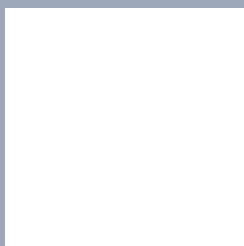
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3831, 38.5190, 51.9717

Background



This preview shows how black text looks on a background with the XYZ color 36.3831, 38.5190, 51.9717.



This preview shows how white text looks on a background with the XYZ color 36.3831, 38.5190,

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

36.3831, 38.5190, 51.9717

Protanopia

37.4167, 38.2635, 50.7609

Deuteranopia

39.1236, 38.3128, 52.3468



Tritanopia

35.9579, 38.6234, 49.8158

Trichromacy



Original Color

36.3831, 38.5190, 51.9717

Protanomaly

37.0911, 38.3523, 51.3468

Deuteranomaly

37.9710, 38.2458, 52.3946

Tritanomaly

36.0616, 38.6649, 50.3622

Monochromacy



Original Color

36.3831, 38.5190, 51.9717

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.2618, 38.3359, 45.0235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3831, 38.5190, 51.9717 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, 168, 186)` looks like.

```
.text, #text, p{  
    color:rgb(155, 168, 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(155, 168, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 168, 186) }
```

Border

The CSS property to change the border of an element to XYZ 36.3831, 38.5190, 51.9717 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, 168, 186) }
```


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

```
.border{ border-color:rgb(155, 168, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 168, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 168, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 168, 186);  
box-shadow:4px 4px 4px 4px rgb(155, 168,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3831, 38.5190, 51.9717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 168, 186) }
```

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

```
.background{ background-color: rgb(155,  
168, 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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