

Converting Colors

XYZ(38.7169, 39.5474, 57.1893)

Have a look what the booklet for
XYZ(38.7169, 39.5474, 57.1893)
contains.

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Color

**XYZ(38.7532, 39.6268,
57.2360)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A8C3
RGB	162, 168, 195
RGB Percent	64%, 66%, 76%
CMY	0.3647, 0.3412, 0.2353
CMYK	0.17, 0.14, 0.00, 0.24
HSL	229°, 22%, 70%
HSV	229°, 17%, 76%
XYZ	38.7532, 39.6268, 57.2360
YIQ	169.2840, -12.2430, 7.1250

Conversions

Conversions Part 2

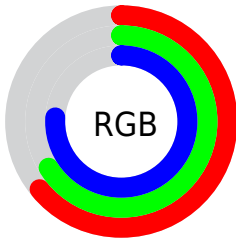
Format	Color
R_{YB}	162, 167, 195
Decimal	10660035
CIE _{Lab}	69.20, 3.51, -14.51
CIE _{LCh}	69, 14.927, 283.586
Yxy	39.6268, 0.2858, 0.2922
Android (android.graphics.Color)	4288850115 (0xFFA2A8C3)
YUV	169.2840, 12.6780, -6.3881
Hunter-Lab	62.9498, -0.2739, -9.8435

Details

The XYZ color **38.7532, 39.6268, 57.2360** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.2250, 50.6056, 41.4620**, and the grayscale version is **37.7971, 39.7655, 43.3047**.

A 20% lighter version of the original color is **72.5736, 74.5553, 102.6610**, and **17.4835, 17.7289, 27.6998** is the 20% darker color. If you saturate the color by 10%, you get **32.3285, 32.2084, 56.1434**, and if you desaturate by 10%, it is **46.1559, 48.0878, 58.4796**.

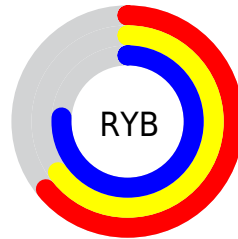
Distribution



Red (64%)

Green (66%)

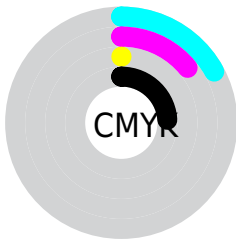
Blue (76%)



Red (64%)

Yellow (65%)

Blue (76%)

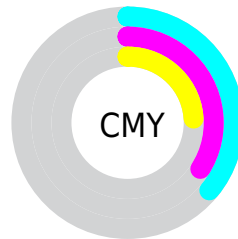


Cyan (17%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (36%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7532, 39.6268, 57.2360 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 38.7532, 39.6268, 57.2360 by changing the saturation by 10% instead.

■ 38.7532, 39.6268,
57.2360

■ 38.7532, 39.6268,
57.2360

332.0653,
344.5481, 431.8515

■ 26.7476, 27.2477,
40.7841

■ 72.5576, 74.5949,
102.3132

■ 17.5194, 17.7593,
27.8320

■ 95.0872, 97.9526,
131.7756

■ 10.7031, 10.7773,
17.9611

121.8555,
125.7387, 166.4120

■ 5.9334, 5.9173,
10.7529

153.2279,
158.3376, 206.6408

■ 2.8449, 2.7949,
5.7889

189.5697,
196.1335, 252.8806

■ 1.0723, 1.0256,
2.6504

231.2463,

■ 0.0017, 0.0000,

239.5110, 305.5500

0.9183

278.6231,
288.8544, 365.0674

■ 0.0000, 0.0000,
0.0000

■ 38.7532, 39.6268,
57.2360

■ 38.7532, 39.6268,
57.2360

■ 32.3285, 32.2084,
56.1434

■ 46.1559, 48.0878,
58.4796

■ 26.8369, 25.7870,
55.1934

■ 54.5718, 57.6249,
59.8769

■ 22.2355, 20.3212,
54.3809

■ 64.0387, 68.2761,
61.4338

■ 18.4763, 15.7642,
53.6994

■ 74.5913, 80.0758,
63.1552

■ 15.5068, 12.0656,
53.1420

■ 84.5871, 92.1935,
64.9673

■ 13.2685, 9.1697,
52.7010

■ 86.8505, 96.7202,
65.7218

■ 11.6941, 7.0139,
52.3679

■ 10.6972, 5.5221,
52.1325

■ 10.4654, 5.1700,
52.0767

Harmonies

Analogous

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



36.3811, 39.6268, 57.0333



38.7532, 39.6268, 57.2360



40.9199, 39.6268, 53.3925

Triad

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



38.7532, 39.6268, 57.2360



41.0896, 39.6268, 34.6992



33.4282, 39.6268, 39.5358

Complementary

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



38.7532, 39.6268, 57.2360



47.2250, 50.6056, 41.4620

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.



34.5857, 39.6268, 34.3037



38.7532, 39.6268, 57.2360



38.9768, 39.6268, 31.7199

Square

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



38.7532, 39.6268, 57.2360



42.3069, 39.6268, 40.1305



36.5956, 39.6268, 31.5832



33.3740, 39.6268, 46.3107

Rectangle

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



38.7532, 39.6268, 57.2360



41.9287, 39.6268, 49.2665



36.5956, 39.6268, 31.5832



33.6989, 39.6268, 37.5562

Sweetspot

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



38.7544, 39.6284, 57.2369



85.3076, 89.1297, 105.1773



43.5960, 50.3843, 55.5437



18.4551, 19.2612, 22.9951



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



38.7544, 39.6284, 57.2369



65.3184, 66.2678, 101.8181



39.8836, 38.6032, 56.9795



9.6732, 10.0378, 12.7125



6.8470, 3.4505, 33.8617



0.3421, 0.2415, 1.4785

Inverse Universe

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



42.4948, 40.2707, 42.5810



73.1951, 67.7122, 70.9345



45.9366, 51.8980, 41.7793



10.1464, 10.1071, 10.8613



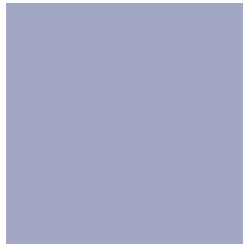
14.8520, 7.6306, 1.8668



0.6650, 0.3390, 0.2035

Previews

White Background



This preview shows how the XYZ color 38.7532, 39.6268, 57.2360 looks on a white background.

Color Contrast Check

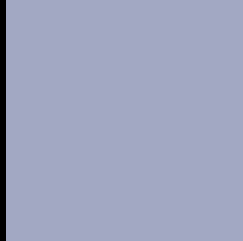
Large Text (above 18pt) WCAG AA × Fail

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 38.7532, 39.6268, 57.2360 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 38.7532, 39.6268, 57.2360

Background



This preview shows how black text looks on a background with the XYZ color 38.7532, 39.6268, 57.2360.



This preview shows how white text looks on a background with the XYZ color 38.7532, 39.6268,

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

38.7532, 39.6268, 57.2360

Protanopia

38.9789, 39.4701, 57.1938

Deuteranopia

40.4322, 39.6664, 57.7499



Tritanopia

37.4192, 39.6419, 50.4792

Trichromacy



Original Color

38.7532, 39.6268, 57.2360

Protanomaly

38.7733, 39.3641, 57.1842

Deuteranomaly

39.7485, 39.5828, 57.7698

Tritanomaly

37.8555, 39.5409, 52.6507

Monochromacy



Original Color

38.7532, 39.6268, 57.2360

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.9497, 39.6973, 47.7817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7532, 39.6268, 57.2360 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(162, 168, 195)` looks like.

```
.text, #text, p{  
    color:rgb(162, 168, 195)  
}
```

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(162, 168, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 168, 195) }
```

Border

The CSS property to change the border of an element to XYZ 38.7532, 39.6268, 57.2360 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(162, 168, 195) }
```


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

```
.border{ border-color:rgb(162, 168, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 168, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 168, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 168, 195);  
box-shadow:4px 4px 4px 4px rgb(162, 168,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7532, 39.6268, 57.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 168, 195) }
```

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

```
.background{ background-color: rgb(162,  
168, 195) }
```

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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