

Converting Colors

XYZ(38.6248, 38.7198, 60.3912)

Have a look what the booklet for
XYZ(38.6248, 38.7198, 60.3912)
contains.

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Color

**XYZ(38.6957, 38.7044,
60.6896)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A5C9
RGB	161, 165, 201
RGB Percent	63%, 65%, 79%
CMY	0.3686, 0.3529, 0.2118
CMYK	0.20, 0.18, 0.00, 0.21
HSL	234°, 27%, 71%
HSV	234°, 20%, 79%
XYZ	38.6957, 38.7044, 60.6896
YIQ	167.9080, -13.9400, 10.3480

Conversions

Conversions Part 2

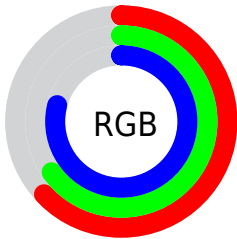
Format	Color
R_{YB}	161, 165, 201
Decimal	10593737
CIE _{Lab}	68.54, 6.19, -18.84
CIE _{LCh}	69, 19.834, 288.200
Yxy	38.7044, 0.2802, 0.2803
Android (android.graphics.Color)	4288783817 (0xFFA1A5C9)
YUV	167.9080, 16.3144, -6.0583
Hunter-Lab	62.2129, 2.1525, -14.2893

Details

The XYZ color **38.6957, 38.7044, 60.6896** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.4870, 54.9232, 41.6595**, and the grayscale version is **37.1027, 39.0350, 42.5091**.

A 20% lighter version of the original color is **71.9621, 73.0053, 104.9064**, and **17.4783, 17.1680, 29.9963** is the 20% darker color. If you saturate the color by 10%, you get **31.9310, 30.7121, 59.5041**, and if you desaturate by 10%, it is **46.5754, 47.9585, 62.0612**.

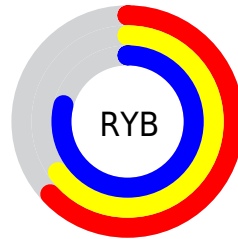
Distribution



Red (63%)

Green (65%)

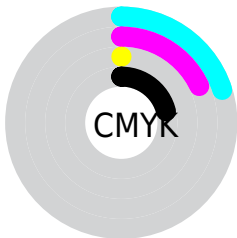
Blue (79%)



Red (63%)

Yellow (65%)

Blue (79%)

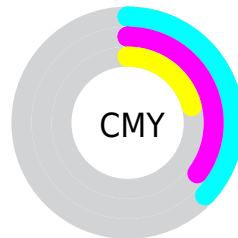


Cyan (20%)

Magenta (18%)

Yellow (0%)

Black (21%)



Cyan (37%)

Magenta (35%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6957, 38.7044, 60.6896 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 38.6957, 38.7044, 60.6896 by changing the saturation by 10% instead.

■ 38.6957, 38.7044,
60.6896

■ 38.6957, 38.7044,
60.6896

331.8245,
340.6321, 445.0100

■ 26.7027, 26.5298,
43.5458

■ 72.4703, 73.1865,
107.3825

■ 17.4855, 17.2204,
29.9790

■ 94.9826, 96.2629,
137.7687

■ 10.6787, 10.3918,
19.5707

121.7321,
123.7420, 173.4061

■ 5.9169, 5.6595,
11.9024

153.0841,
156.0082, 214.7132

■ 2.8348, 2.6392,
6.5555

189.4040,
193.4459, 262.1086

■ 1.0670, 0.9464,
3.1115

231.0571,

■ 0.0000, 0.0000,

236.4395, 316.0109

1.1519

278.4088,
285.3735, 376.8385

■ 0.0000, 0.0000,
0.0000

■ 38.6957, 38.7044,
60.6896

■ 38.6957, 38.7044,
60.6896

■ 31.9310, 30.7121,
59.5041

■ 46.5754, 47.9585,
62.0612

■ 26.2274, 23.9222,
58.4941

■ 55.6137, 58.5210,
63.6235

■ 21.5319, 18.2779,
57.6522

■ 65.8561, 70.4416,
65.3846

■ 17.7855, 13.7157,
56.9690

■ 77.3447, 83.7663,
67.3510

■ 14.9228, 10.1658,
56.4347

■ 87.5427, 96.9971,
69.3673

■ 12.8705, 7.5502,
56.0380

■ 11.5427, 5.7796,
55.7662

■ 10.8006, 4.7290,
55.6026

■ 10.7948, 4.7212,
55.6014

Harmonies

Analogous

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



35.5726, 38.7044, 61.3258



38.6957, 38.7044, 60.6896



41.4497, 38.7044, 54.6810

Triad

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



38.6957, 38.7044, 60.6896



40.9383, 38.7044, 30.5743



31.2149, 38.7044, 38.7214

Complementary

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



38.6957, 38.7044, 60.6896



50.4870, 54.9232, 41.6595

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.



32.4884, 38.7044, 31.6841



38.6957, 38.7044, 60.6896



38.0295, 38.7044, 27.4456

Square

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



38.6957, 38.7044, 60.6896



42.7942, 38.7044, 36.9942



34.9428, 38.7044, 27.8208



31.3707, 38.7044, 47.7476

Rectangle

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



38.6957, 38.7044, 60.6896



42.6516, 38.7044, 48.8598



34.9428, 38.7044, 27.8208



31.4869, 38.7044, 36.0709

Sweetspot

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



38.6969, 38.7060, 60.6905



85.4070, 88.7400, 107.2348



45.5872, 53.3519, 60.3197



18.0656, 18.7426, 22.9155



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.



38.6969, 38.7060, 60.6905



60.8832, 59.9356, 102.9676



41.2683, 38.9768, 60.6072



10.1406, 10.4554, 13.4011



6.8190, 3.0319, 34.9702



0.3526, 0.2031, 1.6658

Inverse Universe

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



43.6248, 40.6249, 41.1412



70.9036, 63.9211, 63.1971



47.4893, 54.7447, 41.7830



10.6763, 10.6539, 11.2785



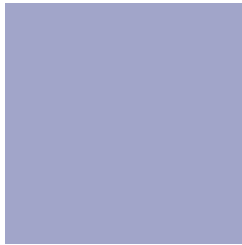
15.2412, 7.8461, 1.2143



0.7367, 0.3775, 0.1366

Previews

White Background



This preview shows how the XYZ color 38.6957, 38.7044, 60.6896 looks on a white background.

Color Contrast Check

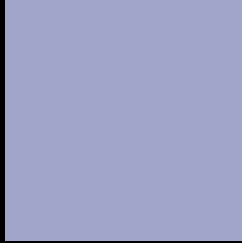
Large Text (above 18pt) WCAG AA × Fail

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 38.6957, 38.7044, 60.6896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

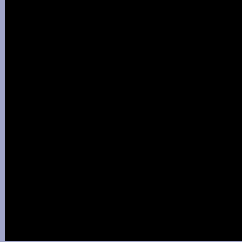
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6957, 38.7044, 60.6896

Background



This preview shows how black text looks on a background with the XYZ color 38.6957, 38.7044, 60.6896.



This preview shows how white text looks on a background with the XYZ color 38.6957, 38.7044,

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

38.6957, 38.7044, 60.6896

Protanopia

38.2958, 38.4982, 60.6708

Deuteranopia

39.3657, 38.5184, 60.6183



Tritanopia

36.3508, 38.5508, 49.7811

Trichromacy



Original Color

38.6957, 38.7044, 60.6896

Protanomaly

38.4950, 38.6009, 60.6802

Deuteranomaly

39.1279, 38.6605, 60.6583

Tritanomaly

37.1046, 38.5807, 53.6353

Monochromacy



Original Color

38.6957, 38.7044, 60.6896

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.5740, 38.9321, 48.7143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6957, 38.7044, 60.6896 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(161, 165, 201)` looks like.

```
.text, #text, p{  
    color:rgb(161, 165, 201)  
}
```

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(161, 165, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 165, 201) }
```

Border

The CSS property to change the border of an element to XYZ 38.6957, 38.7044, 60.6896 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(161, 165, 201) }
```


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

```
.border{ border-color:rgb(161, 165, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 165, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 165, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 165, 201);  
box-shadow:4px 4px 4px 4px rgb(161, 165,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6957, 38.7044, 60.6896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 165, 201) }
```

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

```
.background{ background-color: rgb(161,  
165, 201) }
```

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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