

Converting Colors

XYZ(38.8676, 38.3272, 69.6393)

Have a look what the booklet for
XYZ(38.8676, 38.3272, 69.6393)
contains.

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Color

**XYZ(38.8676, 38.3272,
69.6393)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA4D7
RGB	154, 164, 215
RGB Percent	60%, 64%, 84%
CMY	0.3961, 0.3569, 0.1569
CMYK	0.28, 0.24, 0.00, 0.16
HSL	230°, 43%, 72%
HSV	230°, 28%, 84%
XYZ	38.8676, 38.3272, 69.6393
YIQ	166.8240, -22.3310, 13.7410

Conversions

Conversions Part 2

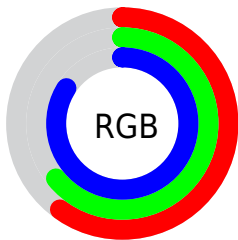
Format	Color
RYB	154, 163, 215
Decimal	10134743
CIELab	68.26, 7.93, -27.04
CIElCh	68, 28.178, 286.346
Yxy	38.3272, 0.2647, 0.2610
Android (android.graphics.Color)	4288324823 (0xFF9AA4D7)
YUV	166.8240, 23.7508, -11.2466
Hunter-Lab	61.9090, 3.7249, -23.3570

Details

The XYZ color **38.8676, 38.3272, 69.6393** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.6890, 60.4433, 39.3047**, and the grayscale version is **36.5419, 38.4449, 41.8665**.

A 20% lighter version of the original color is **69.6760, 71.4383, 104.7244**, and **17.5062, 16.8931, 35.5957** is the 20% darker color. If you saturate the color by 10%, you get **32.1436, 30.4189, 68.4679**, and if you desaturate by 10%, it is **46.7817, 47.5257, 70.9983**.

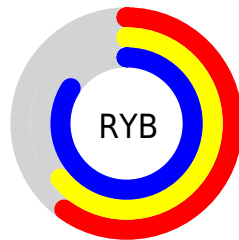
Distribution



Red (60%)

Green (64%)

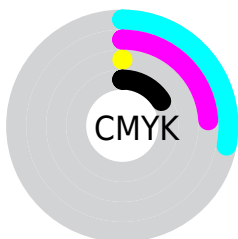
Blue (84%)



Red (60%)

Yellow (64%)

Blue (84%)

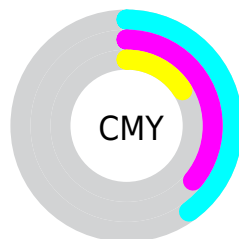


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (16%)



Cyan (40%)

Magenta (36%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8676, 38.3272, 69.6393 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 38.8676, 38.3272, 69.6393 by changing the saturation by 10% instead.

■ 38.8676, 38.3272,
69.6393

■ 38.8676, 38.3272,
69.6393

332.5441,
339.0215, 478.0374

■ 26.8370, 26.2367,
50.7575

■ 72.7314, 72.6094,
120.3705

■ 17.5868, 17.0008,
35.6403

■ 95.2953, 95.5699,
153.0571

■ 10.7516, 10.2351,
23.8690

122.1010,
122.9225, 191.1823

■ 5.9661, 5.5551,
15.0252

153.5139,
155.0517, 235.1647

■ 2.8650, 2.5765,
8.6903

189.8992,
192.3418, 285.4229

■ 1.0828, 0.9149,
4.4457

231.6225,

■ 0.0106, 0.0000,

235.1772, 342.3754

1.8729

279.0490,
283.9423, 406.4407

■ 0.0000, 0.0000,
0.4754

■ 0.0000, 0.0000,
0.0000

■ 38.8676, 38.3272,
69.6393

■ 38.8676, 38.3272,
69.6393

■ 32.1436, 30.4189,
68.4679

■ 46.7817, 47.5257,
70.9983

■ 26.5478, 23.7381,
67.4733

■ 55.9362, 58.0642,
72.5500

■ 22.0184, 18.2237,
66.6476

■ 66.3830, 69.9954,
74.3023

■ 18.4859, 13.8074,
65.9814

■ 78.1700, 83.3679,
76.2622

■ 15.8726, 10.4135,
65.4640

■ 88.9094, 96.9734,
78.3223

■ 14.0884, 7.9561,
65.0838

■ 89.2659, 97.6863,
78.4411

■ 13.0085, 6.3265,
64.8261

■ 12.8742, 6.1231,
64.7939

Harmonies

Analogous

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



34.4637, 38.3272, 70.0555



38.8676, 38.3272, 69.6393



42.9143, 38.3272, 60.8390

Triad

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



38.8676, 38.3272, 69.6393



42.6010, 38.3272, 26.5128



28.7951, 38.3272, 36.2580

Complementary

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



38.8676, 38.3272, 69.6393



55.6890, 60.4433, 39.3047

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.



30.6321, 38.3272, 27.1134



38.8676, 38.3272, 69.6393



38.4673, 38.3272, 22.3031

Square

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



38.8676, 38.3272, 69.6393



45.1858, 38.3272, 35.2640



34.0943, 38.3272, 22.4981



28.8833, 38.3272, 48.9457

Rectangle

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



38.8676, 38.3272, 69.6393



44.7604, 38.3272, 52.2524



34.0943, 38.3272, 22.4981



29.2012, 38.3272, 32.7276

Sweetspot

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



38.8689, 38.3287, 69.6402



81.2865, 84.2672, 106.5887



48.6271, 59.8714, 66.6464



16.9542, 17.5265, 22.7393



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.



38.8689, 38.3287, 69.6402



51.0958, 49.2447, 101.4199



41.3523, 37.0557, 69.2636



11.9055, 12.3343, 15.6908



7.7519, 3.7655, 38.7714



0.5196, 0.3313, 2.3559

Inverse Universe

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



46.2818, 40.2398, 40.4512



63.7948, 52.7749, 51.3593



52.5537, 62.4925, 39.8655



12.5055, 12.4537, 13.3361



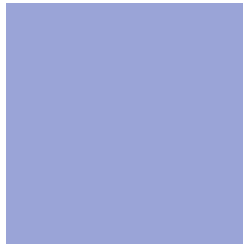
16.9717, 8.7250, 1.8888



1.0499, 0.5368, 0.2524

Previews

White Background



This preview shows how the XYZ color 38.8676, 38.3272, 69.6393 looks on a white background.

Color Contrast Check

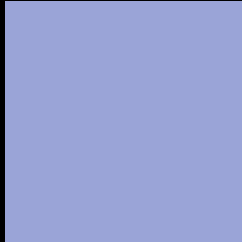
Large Text (above 18pt) WCAG AA × Fail

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 38.8676, 38.3272, 69.6393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

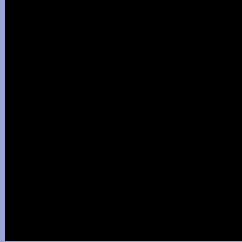
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8676, 38.3272, 69.6393

Background



This preview shows how black text looks on a background with the XYZ color 38.8676, 38.3272, 69.6393.



This preview shows how white text looks on a background with the XYZ color 38.8676, 38.3272,

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

38.8676, 38.3272, 69.6393

Protanopia

38.6781, 38.2295, 69.6305

Deuteranopia

39.0732, 38.1686, 69.5979



Tritanopia

34.9546, 38.3714, 50.3639

Trichromacy



Original Color

38.8676, 38.3272, 69.6393

Protanomaly

38.6781, 38.2295, 69.6305

Deuteranomaly

38.8805, 38.0692, 69.5889

Tritanomaly

36.4306, 38.4294, 57.1273

Monochromacy



Original Color

38.8676, 38.3272, 69.6393

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.1882, 38.4145, 50.8021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8676, 38.3272, 69.6393 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(154, 164, 215)` looks like.

```
.text, #text, p{  
    color:rgb(154, 164, 215)  
}
```

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(154, 164, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 164, 215) }
```

Border

The CSS property to change the border of an element to XYZ 38.8676, 38.3272, 69.6393 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(154, 164, 215) }
```


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

```
.border{ border-color:rgb(154, 164, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 164, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 164, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 164, 215);  
box-shadow:4px 4px 4px 4px rgb(154, 164,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8676, 38.3272, 69.6393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 164, 215) }
```

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

```
.background{ background-color: rgb(154,  
164, 215) }
```

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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