

Converting Colors

XYZ(39.8082, 38.9258, 76.6495)

Have a look what the booklet for
XYZ(39.8082, 38.9258, 76.6495)
contains.

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Color

**XYZ(39.8082, 38.9258,
76.6495)**

Conversions

Conversions Part 1

Format	Color
Hex	97A5E1
RGB	151, 165, 225
RGB Percent	59%, 65%, 88%
CMY	0.4078, 0.3529, 0.1176
CMYK	0.33, 0.27, 0.00, 0.12
HSL	229°, 55%, 74%
HSV	229°, 33%, 88%
XYZ	39.8082, 38.9258, 76.6495
YIQ	167.6540, -27.6040, 15.6920

Conversions

Conversions Part 2

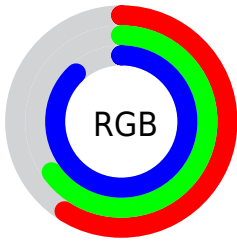
Format	Color
R_{YB}	151, 163, 225
Decimal	9938401
CIE Lab	68.70, 9.02, -31.89
CIE LCh	69, 33.136, 285.794
Yxy	38.9258, 0.2562, 0.2505
Android (android.graphics.Color)	4288128481 (0xFF97A5E1)
YUV	167.6540, 28.2716, -14.6056
Hunter-Lab	62.3905, 4.7082, -29.1670

Details

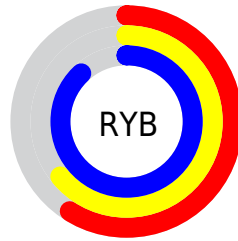
The XYZ color **39.8082, 38.9258, 76.6495** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.9323, 64.8312, 38.6344**, and the grayscale version is **36.9266, 38.8497, 42.3073**.

A 20% lighter version of the original color is **69.3753, 71.6718, 104.7853**, and **18.1036, 17.2715, 39.9157** is the 20% darker color. If you saturate the color by 10%, you get **32.9651, 30.8575, 75.4535**, and if you desaturate by 10%, it is **47.9202, 48.3467, 78.0411**.

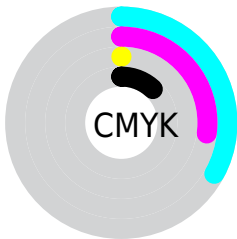
Distribution



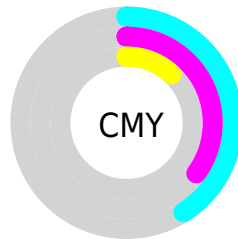
- Red (59%)
- Green (65%)
- Blue (88%)



- Red (59%)
- Yellow (64%)
- Blue (88%)



- Cyan (33%)
- Magenta (27%)
- Yellow (0%)
- Black (12%)



- Cyan (41%)
- Magenta (35%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8082, 38.9258, 76.6495 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 39.8082, 38.9258, 76.6495 by changing the saturation by 10% instead.

■ 39.8082, 38.9258,
76.6495

■ 39.8082, 38.9258,
76.6495

336.4628,
341.5749, 502.9741

■ 27.5726, 26.7020,
56.4554

■ 74.1576, 73.5250,
130.4131

■ 18.1425, 17.3495,
40.1617

■ 97.0020, 96.6691,
164.8197

■ 11.1527, 10.4840,
27.3499

124.1134,
124.2222, 204.8008

■ 6.2377, 5.7210,
17.6014

155.8572,
156.5685, 250.7751

■ 3.0322, 2.6762,
10.4977

192.5987,
194.0926, 303.1610

■ 1.1708, 0.9651,
5.6203

234.7032,

■ 0.0831, 0.0000,

237.1788, 362.3771

2.5506

282.5361,
286.2114, 428.8419

■ 0.0000, 0.0000,
0.8668

■ 0.0000, 0.0000,
0.0000

■ 39.8082, 38.9258,
76.6495

■ 39.8082, 38.9258,
76.6495

■ 32.9651, 30.8575,
75.4535

■ 47.9202, 48.3467,
78.0411

■ 27.3217, 24.0742,
74.4416

■ 57.3575, 59.1744,
79.6336

■ 22.8080, 18.5093,
73.6054

■ 68.1781, 71.4656,
81.4358

■ 19.3452, 14.0881,
72.9345

■ 80.4351, 85.2727,
83.4548

■ 16.8433, 10.7272,
72.4177

■ 90.5907, 98.2163,
85.4179

■ 15.1966, 8.3308,
72.0419

■ 14.4390, 7.1329,
71.8506

Harmonies

Analogous

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



34.5802, 38.9258, 76.9573



39.8082, 38.9258, 76.6495



44.6996, 38.9258, 65.8509

Triad

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



39.8082, 38.9258, 76.6495



44.4759, 38.9258, 24.8830



28.0657, 38.9258, 35.6901

Complementary

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



39.8082, 38.9258, 76.6495



59.9323, 64.8312, 38.6344

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.



30.2358, 38.9258, 25.2817



39.8082, 38.9258, 76.6495



39.5255, 38.9258, 20.1152

Square

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



39.8082, 38.9258, 76.6495



47.5631, 38.9258, 35.0055



34.3229, 38.9258, 20.2415



28.1258, 38.9258, 50.7317

Rectangle

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



39.8082, 38.9258, 76.6495



46.9681, 38.9258, 55.3481



34.3229, 38.9258, 20.2415



28.5489, 38.9258, 31.6203

Sweetspot

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



39.8095, 38.9273, 76.6504



80.0382, 82.9910, 106.4081



51.3465, 65.0938, 70.9625



16.7126, 17.2863, 22.7057



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.



39.8095, 38.9273, 76.6504



46.8801, 44.6566, 100.7565



41.9362, 36.4778, 76.0655



13.1608, 13.6608, 17.3308



8.3834, 4.2364, 41.4242



0.6423, 0.4161, 2.8917

Inverse Universe

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



48.9106, 40.8586, 40.9075



60.7288, 47.9565, 46.2872



57.0863, 68.7541, 39.5416



13.8127, 13.7427, 14.7836



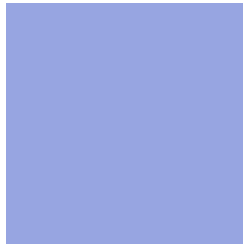
18.1718, 9.3357, 2.3044



1.2905, 0.6595, 0.3225

Previews

White Background



This preview shows how the XYZ color 39.8082, 38.9258, 76.6495 looks on a white background.

Color Contrast Check

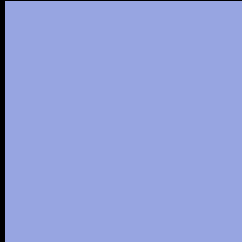
Large Text (above 18pt) WCAG AA × Fail

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 39.8082, 38.9258, 76.6495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

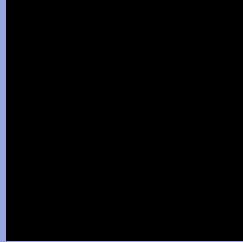
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8082, 38.9258, 76.6495

Background



This preview shows how black text looks on a background with the XYZ color 39.8082, 38.9258, 76.6495.



This preview shows how white text looks on a background with the XYZ color 39.8082, 38.9258,

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

39.8082, 38.9258, 76.6495

Protanopia

39.6234, 38.8305, 76.6408

Deuteranopia

39.8082, 38.9258, 76.6495



Tritanopia

34.7708, 38.8010, 52.1111

Trichromacy



Original Color

39.8082, 38.9258, 76.6495

Protanomaly

39.6234, 38.8305, 76.6408

Deuteranomaly

39.8082, 38.9258, 76.6495

Tritanomaly

36.2903, 38.5658, 60.1748

Monochromacy



Original Color

39.8082, 38.9258, 76.6495

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.9043, 38.9929, 53.6727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8082, 38.9258, 76.6495 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(151, 165, 225)` looks like.

```
.text, #text, p{  
    color:rgb(151, 165, 225)  
}
```

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(151, 165, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 165, 225) }
```

Border

The CSS property to change the border of an element to XYZ 39.8082, 38.9258, 76.6495 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(151, 165, 225) }
```


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

```
.border{ border-color:rgb(151, 165, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 165, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 165, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 165, 225);  
box-shadow:4px 4px 4px 4px rgb(151, 165,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8082, 38.9258, 76.6495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 165, 225) }
```

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

```
.background{ background-color: rgb(151,  
165, 225) }
```

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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