

Converting Colors

XYZ(39.8186, 41.2200, 67.5940)

Have a look what the booklet for
XYZ(39.8186, 41.2200, 67.5940)
contains.

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Color

**XYZ(39.8383, 41.3626,
67.5121)**

Conversions

Conversions Part 1

Format	Color
Hex	99ADD3
RGB	153, 173, 211
RGB Percent	60%, 68%, 83%
CMY	0.4000, 0.3216, 0.1725
CMYK	0.27, 0.18, 0.00, 0.17
HSL	219°, 40%, 71%
HSV	219°, 27%, 83%
XYZ	39.8383, 41.3626, 67.5121
YIQ	171.3520, -24.1180, 7.5780

Conversions

Conversions Part 2

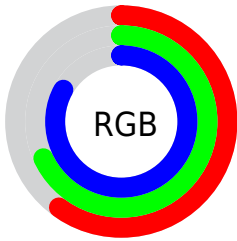
Format	Color
R _Y B	153, 168, 211
Decimal	10071507
CIE Lab	70.43, 1.65, -21.53
CIE LCh	70, 21.591, 274.380
Yxy	41.3626, 0.2679, 0.2781
Android (android.graphics.Color)	4288261587 (0xFF99ADD3)
YUV	171.3520, 19.5465, -16.0947
Hunter-Lab	64.3138, -1.9796, -17.2189

Details

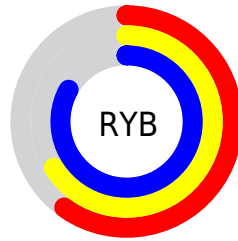
The XYZ color **39.8383, 41.3626, 67.5121** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.2451, 53.4107, 37.7465**, and the grayscale version is **38.8001, 40.8207, 44.4538**.

A 20% lighter version of the original color is **71.8058, 76.1167, 105.5152**, and **18.2050, 18.8417, 34.1298** is the 20% darker color. If you saturate the color by 10%, you get **33.6876, 34.4590, 66.5045**, and if you desaturate by 10%, it is **46.9701, 49.1810, 68.6460**.

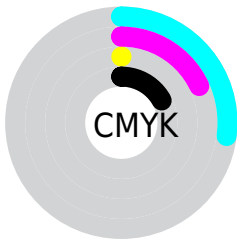
Distribution



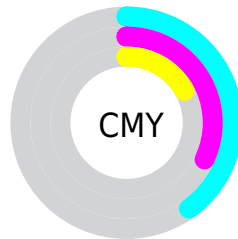
- Red (60%)
- Green (68%)
- Blue (83%)



- Red (60%)
- Yellow (66%)
- Blue (83%)



- Cyan (27%)
- Magenta (18%)
- Yellow (0%)
- Black (17%)



- Cyan (40%)
- Magenta (32%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8383, 41.3626, 67.5121 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 39.8383, 41.3626, 67.5121 by changing the saturation by 10% instead.

■ 39.8383, 41.3626,
67.5121

■ 39.8383, 41.3626,
67.5121

336.5877,
351.8338, 470.3165

■ 27.5961, 28.6025,
49.0367

■ 74.2031, 77.2340,
117.3015

■ 18.1603, 18.7803,
34.2828

■ 97.0565, 101.1142,
149.4526

■ 11.1656, 11.5117,
22.8318

124.1777,
129.4698, 186.9993

■ 6.2464, 6.4121,
14.2652

155.9320,
162.6853, 230.3602

■ 3.0376, 3.0972,
8.1645

192.6848,
201.1450, 279.9538

■ 1.1737, 1.1827,
4.1111

234.8014,

■ 0.0854, 0.0475,

245.2334, 336.1987

1.6865

282.6473,
295.3349, 399.5134

■ 0.0000, 0.0000,
0.3515

■ 0.0000, 0.0000,
0.0000

■ 39.8383, 41.3626,
67.5121

■ 39.8383, 41.3626,
67.5121

■ 33.6876, 34.4590,
66.5045

■ 46.9701, 49.1810,
68.6460

■ 28.4686, 28.4297,
65.6158

■ 55.1215, 57.9430,
69.9076

■ 24.1336, 23.2380,
64.8421

■ 64.3334, 67.6820,
71.3019

■ 20.6283, 18.8423,
64.1784

■ 74.6433, 78.4282,
72.8328

■ 17.8923, 15.1970,
63.6190

■ 84.7865, 89.5401,
74.4430

■ 15.8557, 12.2508,
63.1577

■ 88.7580, 97.4832,
75.7668

■ 14.4252, 9.9391,
62.7869

■ 14.1251, 9.4374,
62.7058

Harmonies

Analogous

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



36.4317, 41.3626, 65.0954



39.8383, 41.3626, 67.5121



43.3016, 41.3626, 63.2027

Triad

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



39.8383, 41.3626, 67.5121



45.2295, 41.3626, 34.8620



33.4669, 41.3626, 37.0912

Complementary

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



39.8383, 41.3626, 67.5121



51.2451, 53.4107, 37.7465

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.



35.5789, 41.3626, 30.7351



39.8383, 41.3626, 67.5121



42.3443, 41.3626, 29.5907

Square

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



39.8383, 41.3626, 67.5121



46.5310, 41.3626, 43.5581



38.7941, 41.3626, 28.2016



32.8846, 41.3626, 46.5486

Rectangle

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



39.8383, 41.3626, 67.5121



45.1365, 41.3626, 57.4275



38.7941, 41.3626, 28.2016



34.0149, 41.3626, 34.5704

Sweetspot

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



39.8396, 41.3642, 67.5131



83.8226, 88.1013, 107.1951



45.8031, 57.1101, 57.7275



17.5152, 18.4019, 22.8787



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.



39.8396, 41.3642, 67.5131



55.4359, 57.1091, 102.7091



37.9896, 35.1368, 66.4085



11.4923, 12.0748, 14.9686



8.6109, 5.8684, 37.8714



0.5547, 0.4747, 2.1419

Inverse Universe

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



45.7991, 39.6496, 44.7762



66.1846, 54.4932, 61.5935



53.4833, 61.4877, 39.1876



11.9746, 11.8746, 13.1421



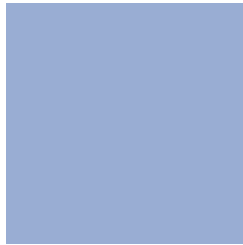
16.9771, 8.6637, 4.7856



0.9862, 0.4992, 0.4623

Previews

White Background



This preview shows how the XYZ color 39.8383, 41.3626, 67.5121 looks on a white background.

Color Contrast Check

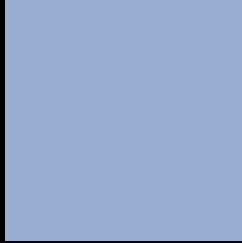
Large Text (above 18pt) WCAG AA × Fail

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 39.8383, 41.3626, 67.5121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

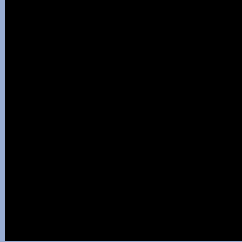
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

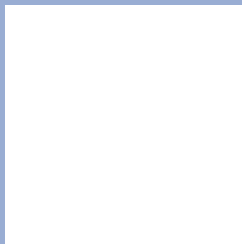
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8383, 41.3626, 67.5121

Background



This preview shows how black text looks on a background with the XYZ color 39.8383, 41.3626, 67.5121.



This preview shows how white text looks on a background with the XYZ color 39.8383, 41.3626,

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

39.8383, 41.3626, 67.5121

Protanopia

40.9876, 41.1394, 66.1020

Deuteranopia

42.0347, 41.0836, 68.0018



Tritanopia

37.5205, 41.5954, 55.3414

Trichromacy



Original Color

39.8383, 41.3626, 67.5121

Protanomaly

40.4938, 41.1499, 66.7812

Deuteranomaly

41.3626, 41.2894, 68.0770

Tritanomaly

38.2961, 41.6119, 59.4396

Monochromacy



Original Color

39.8383, 41.3626, 67.5121

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.9253, 40.9427, 52.3055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8383, 41.3626, 67.5121 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(153, 173, 211)` looks like.

```
.text, #text, p{  
    color:rgb(153, 173, 211)  
}
```

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(153, 173, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 173, 211) }
```

Border

The CSS property to change the border of an element to XYZ 39.8383, 41.3626, 67.5121 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(153, 173, 211) }
```


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

```
.border{ border-color:rgb(153, 173, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 173, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 173, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 173, 211);  
box-shadow:4px 4px 4px 4px rgb(153, 173,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8383, 41.3626, 67.5121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 173, 211) }
```

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

```
.background{ background-color: rgb(153,  
173, 211) }
```

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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