

Converting Colors

XYZ(39.4945, 39.9607, 62.0080)

Have a look what the booklet for
XYZ(39.4945, 39.9607, 62.0080)
contains.

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Color

**XYZ(39.4801, 39.8941,
62.1194)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A8CB
RGB	161, 168, 203
RGB Percent	63%, 66%, 80%
CMY	0.3686, 0.3412, 0.2039
CMYK	0.21, 0.17, 0.00, 0.20
HSL	230°, 29%, 71%
HSV	230°, 21%, 80%
XYZ	39.4801, 39.8941, 62.1194
YIQ	169.8970, -15.4070, 9.4010

Conversions

Conversions Part 2

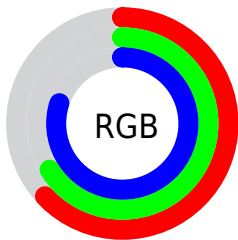
Format	Color
R_{YB}	161, 167, 203
Decimal	10594507
CIE Lab	69.39, 4.99, -18.65
CIE LCh	69, 19.301, 284.972
Yxy	39.8941, 0.2790, 0.2819
Android (android.graphics.Color)	4288784587 (0xFFA1A8CB)
YUV	169.8970, 16.3198, -7.8027
Hunter-Lab	63.1618, 1.0407, -14.0983

Details

The XYZ color **39.4801, 39.8941, 62.1194** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.8021, 54.7499, 41.6096**, and the grayscale version is **38.0850, 40.0684, 43.6345**.

A 20% lighter version of the original color is **72.7566, 74.5943, 105.1712**, and **17.9769, 17.9119, 30.9436** is the 20% darker color. If you saturate the color by 10%, you get **32.7943, 32.1098, 60.9699**, and if you desaturate by 10%, it is **47.2389, 48.8366, 63.4372**.

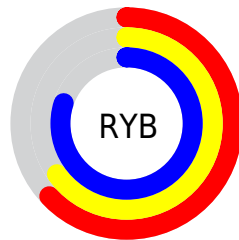
Distribution



Red (63%)

Green (66%)

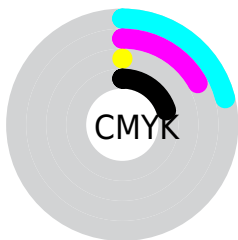
Blue (80%)



Red (63%)

Yellow (65%)

Blue (80%)

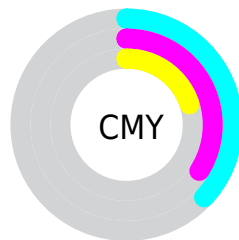


Cyan (21%)

Magenta (17%)

Yellow (0%)

Black (20%)



Cyan (37%)

Magenta (34%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4801, 39.8941, 62.1194 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 39.4801, 39.8941, 62.1194 by changing the saturation by 10% instead.

■ 39.4801, 39.8941,
62.1194

■ 39.4801, 39.8941,
62.1194

335.0995,
345.6770, 450.3862

■ 27.3158, 27.4560,
44.6928

■ 73.6606, 75.0022,
109.4713

■ 17.9484, 17.9160,
30.8743

■ 96.4075, 98.4410,
140.2337

■ 11.0124, 10.8897,
20.2455

123.4126,
126.3155, 176.2785

■ 6.1425, 5.9927,
12.3878

155.0413,
159.0101, 218.0241

■ 2.9734, 2.8406,
6.8826

191.6591,
196.9091, 265.8891

■ 1.1397, 1.0491,
3.3115

233.6311,

■ 0.0580, 0.0000,

240.3970, 320.2921

1.2558

281.3228,
289.8582, 381.6516

■ 0.0000, 0.0000,
0.0251

■ 0.0000, 0.0000,
0.0000

■ 39.4801, 39.8941,
62.1194

■ 39.4801, 39.8941,
62.1194

■ 32.7943, 32.1098,
60.9699

■ 47.2389, 48.8366,
63.4372

■ 27.1300, 25.4313,
59.9794

■ 56.1114, 58.9771,
64.9269

■ 22.4375, 19.8091,
59.1415

■ 66.1409, 70.3599,
66.5954

■ 18.6609, 15.1882,
58.4486

■ 77.3673, 83.0251,
68.4483

■ 15.7388, 11.5084,
57.8924

■ 87.0138, 95.5603,
70.3594

■ 13.6019, 8.7030,
57.4635

■ 87.7796, 97.0918,
70.6147

■ 12.1694, 6.6956,
57.1515

■ 11.3471, 5.4467,
56.9538

Harmonies

Analogous

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



36.3924, 39.8941, 62.1138



39.4801, 39.8941, 62.1194



42.2921, 39.8941, 56.6790

Triad

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



39.4801, 39.8941, 62.1194



42.2966, 39.8941, 32.4483



32.4440, 39.8941, 39.1571

Complementary

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



39.4801, 39.8941, 62.1194



50.8021, 54.7499, 41.6096

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.



33.8567, 39.8941, 32.4385



39.4801, 39.8941, 62.1194



39.4860, 39.8941, 28.9398

Square

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



39.4801, 39.8941, 62.1194



43.9774, 39.8941, 39.1724



36.3979, 39.8941, 28.9364



32.4427, 39.8941, 48.0023

Rectangle

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



39.4801, 39.8941, 62.1194



43.5838, 39.8941, 51.0735



36.3979, 39.8941, 28.9364



32.7660, 39.8941, 36.6040

Sweetspot

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



39.4813, 39.8957, 62.1203



85.7101, 89.3462, 107.3359



45.9391, 54.2435, 59.8573



18.1370, 18.8854, 22.9393



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.



39.4813, 39.8957, 62.1203



60.6904, 60.5121, 103.0890



41.0479, 38.8359, 61.8332



10.7504, 11.1411, 14.1542



7.2665, 3.5571, 36.2599



0.4231, 0.2800, 1.8867

Inverse Universe

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



44.4424, 41.0146, 42.6217



70.5715, 62.8892, 64.2199



48.9501, 56.1944, 41.9861



11.2874, 11.2437, 12.0478



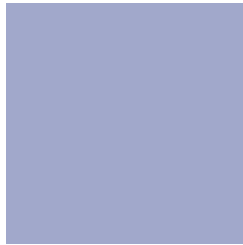
15.8787, 8.1621, 1.8140



0.8435, 0.4308, 0.2218

Previews

White Background



This preview shows how the XYZ color 39.4801, 39.8941, 62.1194 looks on a white background.

Color Contrast Check

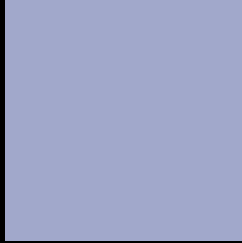
Large Text (above 18pt) WCAG AA × Fail

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 39.4801, 39.8941, 62.1194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

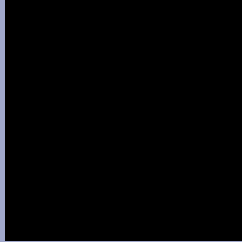
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4801, 39.8941, 62.1194

Background



This preview shows how black text looks on a background with the XYZ color 39.4801, 39.8941, 62.1194.



This preview shows how white text looks on a background with the XYZ color 39.4801, 39.8941,

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

39.4801, 39.8941, 62.1194

Protanopia

39.6824, 39.9984, 62.1289

Deuteranopia

40.8975, 40.0671, 62.7049



Tritanopia

37.4204, 39.8977, 51.6277

Trichromacy



Original Color

39.4801, 39.8941, 62.1194

Protanomaly

39.6824, 39.9984, 62.1289

Deuteranomaly

40.4437, 40.1041, 62.7360

Tritanomaly

38.1872, 39.9262, 55.5630

Monochromacy



Original Color

39.4801, 39.8941, 62.1194

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.5678, 39.9688, 49.9380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4801, 39.8941, 62.1194 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, 168, 203)` looks like.

```
.text, #text, p{  
    color:rgb(161, 168, 203)  
}
```

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, 168, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 168, 203) }
```

Border

The CSS property to change the border of an element to XYZ 39.4801, 39.8941, 62.1194 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, 168, 203) }
```


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

```
.border{ border-color:rgb(161, 168, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 168, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 168, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 168, 203);  
box-shadow:4px 4px 4px 4px rgb(161, 168,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4801, 39.8941, 62.1194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 168, 203) }
```

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

```
.background{ background-color: rgb(161,  
168, 203) }
```

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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