

Converting Colors

XYZ(37.9873, 39.7498, 61.5482)

Have a look what the booklet for
XYZ(37.9873, 39.7498, 61.5482)
contains.

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Color

**XYZ(37.9843, 39.6891,
61.5359)**

Conversions

Conversions Part 1

Format	Color
Hex	98AACA
RGB	152, 170, 202
RGB Percent	60%, 67%, 79%
CMY	0.4039, 0.3333, 0.2078
CMYK	0.25, 0.16, 0.00, 0.21
HSL	218°, 32%, 69%
HSV	218°, 25%, 79%
XYZ	37.9843, 39.6891, 61.5359
YIQ	168.2660, -21.0000, 6.1360

Conversions

Conversions Part 2

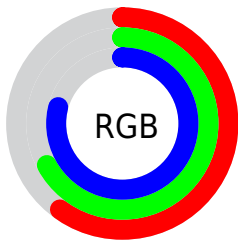
Format	Color
R _{YB}	152, 165, 202
Decimal	10005194
CIE Lab	69.25, 0.85, -18.38
CIE LCh	69, 18.397, 272.634
Yxy	39.6891, 0.2729, 0.2851
Android (android.graphics.Color)	4288195274 (0xFF98AACA)
YUV	168.2660, 16.6309, -14.2653
Hunter-Lab	62.9993, -2.6253, -13.8133

Details

The XYZ color **37.9843, 39.6891, 61.5359** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.1657, 49.1049, 36.6992**, and the grayscale version is **37.2793, 39.2207, 42.7114**.

A 20% lighter version of the original color is **70.7073, 74.3358, 105.2293**, and **17.0793, 17.8043, 30.5534** is the 20% darker color. If you saturate the color by 10%, you get **32.2155, 33.2936, 60.6062**, and if you desaturate by 10%, it is **44.6378, 46.8964, 62.5770**.

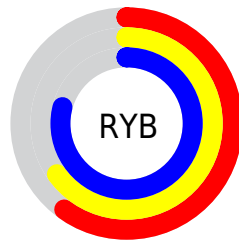
Distribution



Red (60%)

Green (67%)

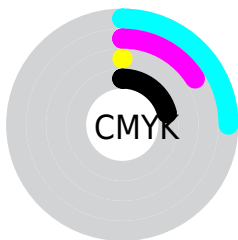
Blue (79%)



Red (60%)

Yellow (65%)

Blue (79%)

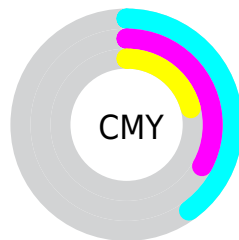


Cyan (25%)

Magenta (16%)

Yellow (0%)

Black (21%)



Cyan (40%)

Magenta (33%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9843, 39.6891, 61.5359 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 37.9843, 39.6891, 61.5359 by changing the saturation by 10% instead.

■ 37.9843, 39.6891,
61.5359

■ 37.9843, 39.6891,
61.5359

328.8346,
344.8114, 448.1970

■ 26.1477, 27.2962,
44.2244

■ 71.3881, 74.6899,
108.6196

■ 17.0674, 17.7958,
30.5085

■ 93.6860, 98.0665,
139.2289

■ 10.3782, 10.8035,
19.9696

120.2017,
125.8732, 175.1078

■ 5.7146, 5.9349,
12.1891

151.3006,
158.4944, 216.6751

■ 2.7113, 2.8055,
6.7485

187.3479,
196.3144, 264.3490

■ 1.0030, 1.0311,
3.2292

228.7092,

■ 0.0000, 0.0000,

239.7177, 318.5483

1.2128

275.7496,
289.0885, 379.6915

■ 0.0000, 0.0000,
0.0000

■ 37.9843, 39.6891,
61.5359

■ 37.9843, 39.6891,
61.5359

■ 32.2155, 33.2936,
60.6062

■ 44.6378, 46.8964,
62.5770

■ 27.2881, 27.6745,
59.7813

■ 52.2092, 54.9395,
63.7304

■ 23.1609, 22.8010,
59.0581

■ 60.7343, 63.8471,
65.0005

■ 19.7872, 18.6376,
58.4323

■ 70.2460, 73.6453,
66.3904

■ 17.1151, 15.1460,
57.8992

■ 80.7756, 84.3588,
67.9033

■ 15.0852, 12.2830,
57.4536

■ 85.3357, 92.3941,
69.2140

■ 13.6266, 9.9987,
57.0895

■ 87.6608, 97.0443,
69.9890

■ 13.0254, 8.9935,
56.9272

Harmonies

Analogous

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



35.1783, 39.6891, 59.2871



37.9843, 39.6891, 61.5359



40.8621, 39.6891, 58.3710

Triad

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



37.9843, 39.6891, 61.5359



42.6988, 39.6891, 35.0412



32.9118, 39.6891, 36.1765

Complementary

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



37.9843, 39.6891, 61.5359



47.1657, 49.1049, 36.6992

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.



34.7495, 39.6891, 30.9392



37.9843, 39.6891, 61.5359



40.3882, 39.6891, 30.3461

Square

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



37.9843, 39.6891, 61.5359



43.6711, 39.6891, 42.4732



37.4635, 39.6891, 28.9471



32.3416, 39.6891, 43.9648

Rectangle

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



37.9843, 39.6891, 61.5359



42.4081, 39.6891, 53.8300



37.4635, 39.6891, 28.9471



33.3969, 39.6891, 34.0956

Sweetspot

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



37.9855, 39.6907, 61.5368



85.2486, 89.6971, 107.4279



42.6871, 52.3640, 53.0227



18.0739, 19.0161, 22.9678



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.



37.9855, 39.6907, 61.5368



58.6065, 60.9071, 103.2751



36.1220, 34.0588, 60.5480



10.9268, 11.4941, 14.2130



8.4589, 5.9417, 36.6573



0.5079, 0.4495, 1.9149

Inverse Universe

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



42.8421, 37.9164, 43.0925



68.4058, 57.7584, 65.9625



49.3807, 56.1554, 37.9433



11.3764, 11.2793, 12.5169



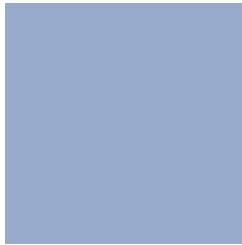
16.4806, 8.4028, 4.9833



0.8863, 0.4479, 0.4471

Previews

White Background



This preview shows how the XYZ color 37.9843, 39.6891, 61.5359 looks on a white background.

Color Contrast Check

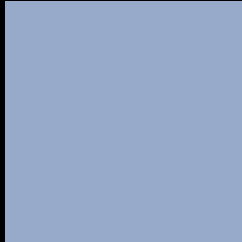
Large Text (above 18pt) WCAG AA × Fail

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 37.9843, 39.6891, 61.5359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

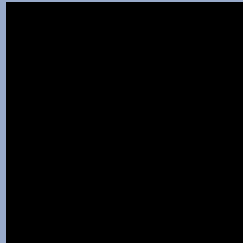
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9843, 39.6891, 61.5359

Background



This preview shows how black text looks on a background with the XYZ color 37.9843, 39.6891, 61.5359.



This preview shows how white text looks on a background with the XYZ color 37.9843, 39.6891,

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

37.9843, 39.6891, 61.5359

Protanopia

39.1443, 39.4889, 60.2026

Deuteranopia

40.3831, 39.5469, 62.0048



Tritanopia

36.2009, 39.8219, 52.2328

Trichromacy



Original Color

37.9843, 39.6891, 61.5359

Protanomaly

38.6458, 39.4914, 60.8441

Deuteranomaly

39.4985, 39.6306, 62.0676

Tritanomaly

36.8446, 39.7948, 55.6084

Monochromacy



Original Color

37.9843, 39.6891, 61.5359

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.3265, 39.3526, 48.8085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9843, 39.6891, 61.5359 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(152, 170, 202)` looks like.

```
.text, #text, p{  
    color:rgb(152, 170, 202)  
}
```

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(152, 170, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 170, 202) }
```

Border

The CSS property to change the border of an element to XYZ 37.9843, 39.6891, 61.5359 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(152, 170, 202) }
```


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

```
.border{ border-color:rgb(152, 170, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 170, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 170, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 170, 202);  
box-shadow:4px 4px 4px 4px rgb(152, 170,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9843, 39.6891, 61.5359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 170, 202) }
```

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

```
.background{ background-color: rgb(152,  
170, 202) }
```

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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