

Converting Colors

XYZ(39.2652, 40.4795, 61.7892)

Have a look what the booklet for
XYZ(39.2652, 40.4795, 61.7892)
contains.

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Color

**XYZ(39.1359, 40.2828,
61.5898)**

Conversions

Conversions Part 1

Format	Color
Hex	9EAACA
RGB	158, 170, 202
RGB Percent	62%, 67%, 79%
CMY	0.3804, 0.3333, 0.2078
CMYK	0.22, 0.16, 0.00, 0.21
HSL	224°, 29%, 71%
HSV	224°, 22%, 79%
XYZ	39.1359, 40.2828, 61.5898
YIQ	170.0600, -17.4240, 7.4080

Conversions

Conversions Part 2

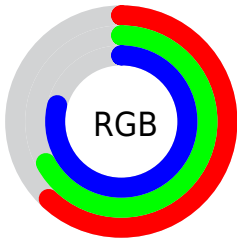
Format	Color
R _{YB}	158, 167, 202
Decimal	10398410
CIE Lab	69.67, 2.71, -17.70
CIE LCh	70, 17.902, 278.698
Yxy	40.2828, 0.2775, 0.2857
Android (android.graphics.Color)	4288588490 (0xFF9EAACA)
YUV	170.0600, 15.7464, -10.5766
Hunter-Lab	63.4687, -1.0041, -13.1067

Details

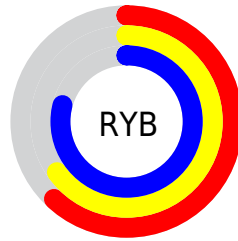
The XYZ color **39.1359, 40.2828, 61.5898** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.9425, 51.8521, 39.7776**, and the grayscale version is **38.1696, 40.1574, 43.7314**.

A 20% lighter version of the original color is **72.4158, 75.2166, 105.3093**, and **17.7676, 18.1592, 30.5856** is the 20% darker color. If you saturate the color by 10%, you get **32.8829, 33.1979, 60.5525**, and if you desaturate by 10%, it is **46.3523, 48.3232, 62.7621**.

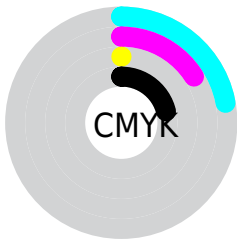
Distribution



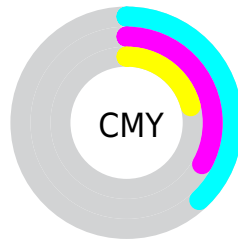
- Red (62%)
- Green (67%)
- Blue (79%)



- Red (62%)
- Yellow (65%)
- Blue (79%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)



- Cyan (38%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1359, 40.2828, 61.5898 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 39.1359, 40.2828, 61.5898 by changing the saturation by 10% instead.

■ 39.1359, 40.2828,
61.5898

■ 39.1359, 40.2828,
61.5898

333.6652,
347.3141, 448.3995

■ 27.0467, 27.7591,
44.2677

■ 73.1386, 75.5940,
108.6983

■ 17.7450, 18.1441,
30.5423

■ 95.7828, 99.1502,
139.3218

■ 10.8657, 11.0535,
19.9950

122.6761,
127.1528, 175.2161

■ 6.0432, 6.1029,
12.2074

154.1837,
159.9861, 216.7998

■ 2.9123, 2.9077,
6.7608

190.6710,
198.0344, 264.4915

■ 1.1075, 1.0837,
3.2368

232.5035,

■ 0.0314, 0.0000,

241.6823, 318.7096

1.2168

280.0464,
291.3141, 379.8728

■ 0.0000, 0.0000,
0.0000

■ 39.1359, 40.2828,
61.5898

■ 39.1359, 40.2828,
61.5898

■ 32.8829, 33.1979,
60.5525

■ 46.3523, 48.3232,
62.7621

■ 27.5475, 27.0269,
59.6426

■ 54.5675, 57.3486,
64.0711

■ 23.0858, 21.7325,
58.8558

■ 63.8200, 67.3934,
65.5223

■ 19.4487, 17.2725,
58.1867

■ 74.1448, 78.4889,
67.1198

■ 16.5817, 13.6012,
57.6291

■ 84.0875, 89.8978,
68.7979

■ 14.4236, 10.6679,
57.1767

■ 87.6608, 97.0443,
69.9890

■ 12.9023, 8.4147,
56.8220

■ 12.0317, 7.0062,
56.5960

Harmonies

Analogous

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



36.3000, 40.2828, 60.4605



39.1359, 40.2828, 61.5898



41.8757, 40.2828, 57.5222

Triad

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



39.1359, 40.2828, 61.5898



42.8001, 40.2828, 34.6267



33.3303, 40.2828, 38.3188

Complementary

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



39.1359, 40.2828, 61.5898



48.9425, 51.8521, 39.7776

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.



34.9105, 40.2828, 32.5547



39.1359, 40.2828, 61.5898



40.3464, 40.2828, 30.6174

Square

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



39.1359, 40.2828, 61.5898



44.0601, 40.2828, 41.4933



37.4516, 40.2828, 29.9098



33.0426, 40.2828, 46.3174

Rectangle

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



39.1359, 40.2828, 61.5898



43.2454, 40.2828, 52.6796



37.4516, 40.2828, 29.9098



33.7239, 40.2828, 36.0862

Sweetspot

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



39.1372, 40.2844, 61.5907



84.7829, 88.7659, 107.2727



44.4652, 53.2083, 56.3756



17.9663, 18.8008, 22.9319



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.



39.1372, 40.2844, 61.5907



61.2226, 62.5218, 103.4489



38.9377, 36.9926, 60.9658



10.8466, 11.3337, 14.1863



7.8065, 4.6370, 36.4398



0.4672, 0.3681, 1.9014

Inverse Universe

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



43.8407, 39.9135, 43.4254



70.6093, 62.0207, 67.1432



49.1494, 55.9779, 40.5630



11.3359, 11.2631, 12.3037



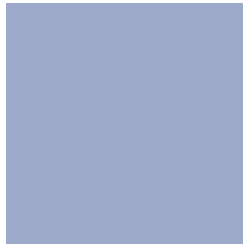
16.1513, 8.2711, 3.2492



0.8658, 0.4397, 0.3389

Previews

White Background



This preview shows how the XYZ color 39.1359, 40.2828, 61.5898 looks on a white background.

Color Contrast Check

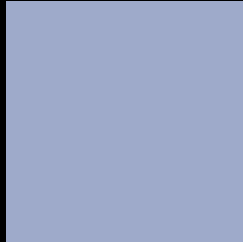
Large Text (above 18pt) WCAG AA × Fail

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 39.1359, 40.2828, 61.5898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

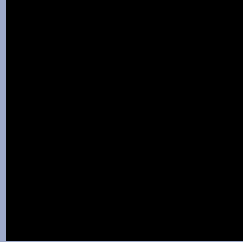
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1359, 40.2828, 61.5898

Background



This preview shows how black text looks on a background with the XYZ color 39.1359, 40.2828, 61.5898.



This preview shows how white text looks on a background with the XYZ color 39.1359, 40.2828,

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

39.1359, 40.2828, 61.5898

Protanopia

39.8348, 40.3795, 60.9528

Deuteranopia

40.9933, 40.1303, 62.0853



Tritanopia

37.3241, 40.4009, 52.2853

Trichromacy



Original Color

39.1359, 40.2828, 61.5898

Protanomaly

39.4285, 40.1700, 60.9338

Deuteranomaly

40.3241, 40.0562, 62.1062

Tritanomaly

37.9773, 40.3787, 55.6614

Monochromacy



Original Color

39.1359, 40.2828, 61.5898

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.5441, 40.2338, 49.9904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1359, 40.2828, 61.5898 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(158, 170, 202)` looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 170, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 170, 202) }
```

Border

The CSS property to change the border of an element to XYZ 39.1359, 40.2828, 61.5898 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(158, 170, 202) }
```


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

```
.border{ border-color:rgb(158, 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(158, 170, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 170, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 170, 202);  
box-shadow:4px 4px 4px 4px rgb(158, 170,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1359, 40.2828, 61.5898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 170, 202) }
```

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

```
.background{ background-color: rgb(158,  
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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