

Converting Colors

XYZ(35.3428, 39.2372, 97.8062)

Have a look what the booklet for
XYZ(35.3428, 39.2372, 97.8062)
contains.

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Color

**XYZ(35.3428, 39.2372,
97.8062)**

Conversions

Conversions Part 1

Format	Color
Hex	42B0FC
RGB	66, 176, 252
RGB Percent	26%, 69%, 99%
CMY	0.7411, 0.3098, 0.0118
CMYK	0.74, 0.30, 0.00, 0.01
HSL	205°, 97%, 62%
HSV	205°, 74%, 99%
XYZ	35.3428, 39.2372, 97.8062
YIQ	151.7740, -89.9560, 0.3160

Conversions

Conversions Part 2

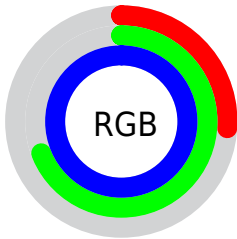
Format	Color
R _Y B	66, 135, 252
Decimal	4370684
CIE Lab	68.92, -6.50, -46.56
CIE LCh	69, 47.007, 262.055
Yxy	39.2372, 0.2050, 0.2276
Android (android.graphics.Color)	4282560764 (0xFF42B0FC)
YUV	151.7740, 49.4114, -75.2238
Hunter-Lab	62.6396, -8.9052, -48.7284

Details

The XYZ color **35.3428, 39.2372, 97.8062** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **50.8039, 40.4389, 10.2842**, and the grayscale version is **29.5716, 31.1116, 33.8805**.

A 20% lighter version of the original color is **56.7793, 69.6061, 105.0505**, and **17.0580, 18.3554, 54.2737** is the 20% darker color. If you saturate the color by 10%, you get **32.0605, 34.6611, 97.0967**, and if you desaturate by 10%, it is **39.5284, 44.5075, 98.6037**.

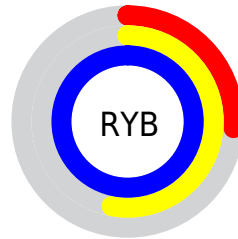
Distribution



Red (26%)

Green (69%)

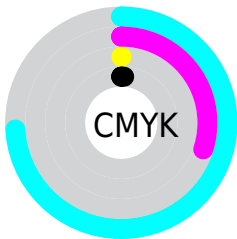
Blue (99%)



Red (26%)

Yellow (53%)

Blue (99%)

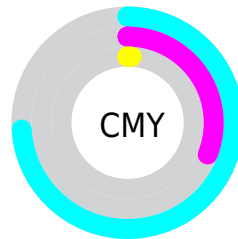


Cyan (74%)

Magenta (30%)

Yellow (0%)

Black (1%)



Cyan (74%)

Magenta (31%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3428, 39.2372, 97.8062 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 35.3428, 39.2372, 97.8062 by changing the saturation by 10% instead.

■ 35.3428, 39.2372,
97.8062

■ 35.3428, 39.2372,
97.8062

317.5604,
342.8979, 574.3225

■ 24.0948, 26.9443,
73.8630

■ 67.3470, 74.0005,
160.1646

■ 15.5291, 17.5314,
54.1858

■ 88.8339, 97.2398,
199.4169

■ 9.2803, 10.6141,
38.3561

■ 114.4646,
124.8966, 244.6094

■ 4.9830, 5.8080,
25.9552

■ 144.6042,
157.3553, 296.1605

■ 2.2720, 2.7287,
16.5647

179.6183,
195.0005, 354.4888

■ 0.7803, 0.9918,
9.7659

219.8721,

■ 0.0000, 0.0000,

238.2163, 420.0129

5.1405

265.7310,
287.3873, 493.1513

■ 0.0000, 0.0000,
2.2697

■ 0.0000, 0.0000,
0.7142

■ 35.3428, 39.2372,
97.8062

■ 35.3428, 39.2372,
97.8062

■ 32.0605, 34.6611,
97.0967

■ 39.5284, 44.5075,
98.6037

■ 29.5672, 30.7136,
96.4662

■ 44.7033, 50.5194,
99.4914

■ 28.3226, 28.5318,
96.1107

■ 50.9472, 57.3194,
100.4748

■ 58.3302, 64.9481,
101.5582

■ 66.9157, 73.4427,
102.7453

■ 76.7622, 82.8376,
104.0397

■ 87.9243, 93.1653,
105.4448

■ 94.5708, 99.8083,
106.3768

Harmonies

Analogous

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



29.1383, 39.2372, 84.0799



35.3428, 39.2372, 97.8062



42.9529, 39.2372, 93.3324

Triad

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



35.3428, 39.2372, 97.8062



52.2578, 39.2372, 29.0599



27.0723, 39.2372, 22.0869

Complementary

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



35.3428, 39.2372, 97.8062



50.8039, 40.4389, 10.2842

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.



32.1549, 39.2372, 14.8082



35.3428, 39.2372, 97.8062



46.8445, 39.2372, 17.7958

Square

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



35.3428, 39.2372, 97.8062



53.4099, 39.2372, 48.6666



39.3153, 39.2372, 13.5545



24.7973, 39.2372, 37.2835

Rectangle

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



35.3428, 39.2372, 97.8062



47.7693, 39.2372, 81.1366



39.3153, 39.2372, 13.5545



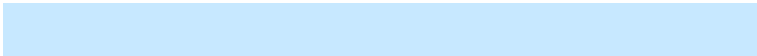
28.4740, 39.2372, 18.8746

Sweetspot

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



35.3443, 39.2385, 97.8072



70.4547, 77.1045, 105.7770



41.8222, 72.6857, 36.7947



14.5276, 15.9679, 22.5664



0.0000, 0.0000, 0.0000



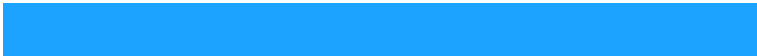
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.3443, 39.2385, 97.8072



31.4969, 33.4009, 99.3947



23.0366, 14.6232, 93.7046



17.1364, 18.3496, 22.0239



14.9021, 15.1597, 50.1142



1.4844, 1.6125, 4.6762

Inverse Universe

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



49.9309, 27.7283, 43.7958



48.2014, 24.7109, 36.5341



70.3819, 79.5950, 16.8102



17.6754, 17.3975, 20.1462



23.8139, 11.9413, 16.2603



2.2582, 1.1270, 1.7830

Previews

White Background



This preview shows how the XYZ color 35.3428, 39.2372, 97.8062 looks on a white background.

Color Contrast Check

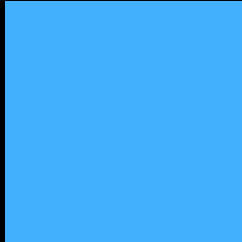
Large Text (above 18pt) WCAG AA × Fail

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 35.3428, 39.2372, 97.8062 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

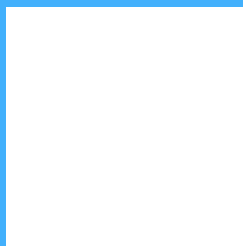
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3428, 39.2372, 97.8062

Background



This preview shows how black text looks on a background with the XYZ color 35.3428, 39.2372, 97.8062.



This preview shows how white text looks on a background with the XYZ color 35.3428, 39.2372,

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

35.3428, 39.2372, 97.8062

Protanopia

40.4578, 38.7125, 89.3443

Deuteranopia

39.9831, 38.7882, 99.1455



Tritanopia

28.1015, 39.3349, 61.3696

Trichromacy



Original Color

35.3428, 39.2372, 97.8062

Protanomaly

37.5766, 38.2365, 92.5887

Deuteranomaly

37.8133, 38.7844, 98.4217

Tritanomaly

30.0229, 38.8174, 73.6203

Monochromacy



Original Color

35.3428, 39.2372, 97.8062

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.7071, 33.1855, 52.4167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3428, 39.2372, 97.8062 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(66, 176, 252)` looks like.

```
.text, #text, p{  
    color:rgb(66, 176, 252)  
}
```

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(66, 176, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 176, 252) }
```

Border

The CSS property to change the border of an element to XYZ 35.3428, 39.2372, 97.8062 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(66, 176, 252) }
```


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

```
.border{ border-color:rgb(66, 176, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 176, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 176, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 176, 252);  
box-shadow:4px 4px 4px 4px rgb(66, 176,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3428, 39.2372, 97.8062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 176, 252) }
```

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

```
.background{ background-color: rgb(66, 176,  
252) }
```

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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