

Converting Colors

XYZ(36.3345, 36.5589, 62.2691)

Have a look what the booklet for
XYZ(36.3345, 36.5589, 62.2691)
contains.

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Color

**XYZ(36.3971, 36.6843,
62.2892)**

Conversions

Conversions Part 1

Format	Color
Hex	96A2CC
RGB	150, 162, 204
RGB Percent	59%, 64%, 80%
CMY	0.4118, 0.3647, 0.2000
CMYK	0.26, 0.21, 0.00, 0.20
HSL	227°, 35%, 69%
HSV	227°, 26%, 80%
XYZ	36.3971, 36.6843, 62.2892
YIQ	163.2000, -20.6340, 10.5180

Conversions

Conversions Part 2

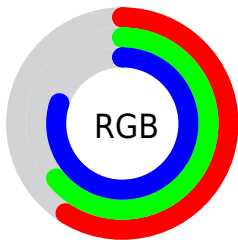
Format	Color
R _Y B	150, 160, 204
Decimal	9872076
CIE Lab	67.04, 5.16, -22.86
CIE LCh	67, 23.431, 282.721
Yxy	36.6843, 0.2689, 0.2710
Android (android.graphics.Color)	4288062156 (0xFF96A2CC)
YUV	163.2000, 20.1144, -11.5764
Hunter-Lab	60.5676, 1.2735, -18.5780

Details

The XYZ color **36.3971, 36.6843, 62.2892** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.2571, 52.7391, 36.4388**, and the grayscale version is **34.8231, 36.6366, 39.8972**.

A 20% lighter version of the original color is **68.0397, 69.8248, 104.4992**, and **16.2265, 16.1676, 31.1196** is the 20% darker color. If you saturate the color by 10%, you get **30.3443, 29.6741, 61.2557**, and if you desaturate by 10%, it is **43.4585, 44.7396, 63.4725**.

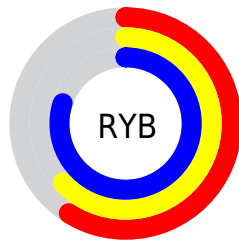
Distribution



Red (59%)

Green (64%)

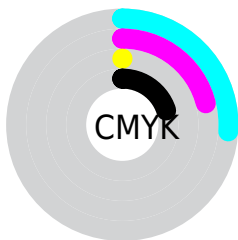
Blue (80%)



Red (59%)

Yellow (63%)

Blue (80%)

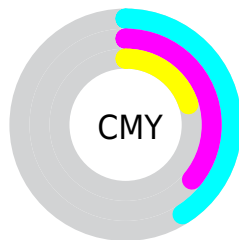


Cyan (26%)

Magenta (21%)

Yellow (0%)

Black (20%)



Cyan (41%)

Magenta (36%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3971, 36.6843, 62.2892 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 36.3971, 36.6843, 62.2892 by changing the saturation by 10% instead.

■ 36.3971, 36.6843,
62.2892

■ 36.3971, 36.6843,
62.2892

322.0939,
331.9417, 451.0220

■ 24.9126, 24.9632,
44.8291

■ 68.9644, 70.0870,
109.7190

■ 16.1403, 16.0496,
30.9809

■ 90.7779, 92.5373,
140.5259

■ 9.7150, 9.5593,
20.3259

116.7651,
119.3328, 176.6187

■ 5.2712, 5.1077,
12.4458

147.2913,
150.8578, 218.4161

■ 2.4436, 2.3106,
6.9218

182.7220,
187.4969, 266.3366

■ 0.8669, 0.7793,
3.3355

223.4224,

■ 0.0000, 0.0000,

229.6342, 320.7987

1.2684

269.7579,
277.6544, 382.2210

■ 0.0000, 0.0000,
0.0357

■ 0.0000, 0.0000,
0.0000

■ 36.3971, 36.6843,
62.2892

■ 36.3971, 36.6843,
62.2892

■ 30.3443, 29.6741,
61.2557

■ 43.4585, 44.7396,
63.4725

■ 25.2495, 23.6610,
60.3636

■ 51.5686, 53.8767,
64.8087

■ 21.0631, 18.5997,
59.6073

■ 60.7699, 64.1357,
66.3039

■ 17.7294, 14.4394,
58.9800

■ 71.1014, 75.5534,
67.9632

■ 15.1864, 11.1244,
58.4742

■ 82.5999, 88.1650,
69.7914

■ 13.3628, 8.5921,
58.0815

■ 87.8992, 97.1397,
71.2444

■ 12.1705, 6.7684,
57.7924

■ 11.8505, 6.2623,
57.7115

Harmonies

Analogous

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



32.8727, 36.6843, 61.7480



36.3971, 36.6843, 62.2892



39.7224, 36.6843, 56.1523

Triad

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



36.3971, 36.6843, 62.2892



40.1439, 36.6843, 28.0607



28.7289, 36.6843, 34.3966

Complementary

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



36.3971, 36.6843, 62.2892



49.2571, 52.7391, 36.4388

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.



30.4249, 36.6843, 27.1982



36.3971, 36.6843, 62.2892



36.9410, 36.6843, 23.9908

Square

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



36.3971, 36.6843, 62.2892



41.9825, 36.6843, 35.7781



33.3810, 36.6843, 23.7046



28.6052, 36.6843, 44.4191

Rectangle

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



36.3971, 36.6843, 62.2892



41.3144, 36.6843, 49.6222



33.3810, 36.6843, 23.7046



29.1284, 36.6843, 31.6121

Sweetspot

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



36.3983, 36.6858, 62.2900



83.0847, 86.6255, 106.9491



43.6195, 53.4498, 57.5400



17.3303, 18.0323, 22.8171



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.



36.3983, 36.6858, 62.2900



54.1198, 53.6451, 102.1099



37.1990, 34.1086, 61.7504



10.8006, 11.2416, 14.1710



7.5165, 4.0570, 36.3432



0.4462, 0.3261, 1.8944

Inverse Universe

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



42.3308, 37.2598, 39.1447



65.7233, 55.0860, 56.7679



48.2341, 56.2842, 37.1770



11.3127, 11.2538, 12.1814



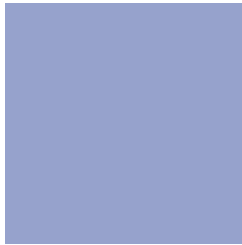
16.0049, 8.2125, 2.4784



0.8552, 0.4355, 0.2831

Previews

White Background



This preview shows how the XYZ color 36.3971, 36.6843, 62.2892 looks on a white background.

Color Contrast Check

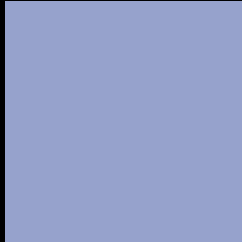
Large Text (above 18pt) WCAG AA × Fail

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 36.3971, 36.6843, 62.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

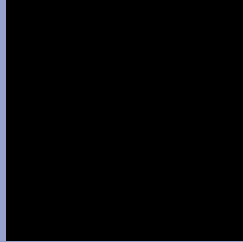
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3971, 36.6843, 62.2892

Background



This preview shows how black text looks on a background with the XYZ color 36.3971, 36.6843, 62.2892.



This preview shows how white text looks on a background with the XYZ color 36.3971, 36.6843,

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

36.3971, 36.6843, 62.2892

Protanopia

36.6612, 36.5738, 61.6271

Deuteranopia

37.3745, 36.6693, 62.2348



Tritanopia

33.5515, 36.5875, 48.4738

Trichromacy



Original Color

36.3971, 36.6843, 62.2892

Protanomaly

36.4733, 36.4769, 61.6183

Deuteranomaly

36.9704, 36.7194, 62.2657

Tritanomaly

34.6731, 36.7874, 53.4173

Monochromacy



Original Color

36.3971, 36.6843, 62.2892

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.2336, 36.6778, 47.3420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3971, 36.6843, 62.2892 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(150, 162, 204)` looks like.

```
.text, #text, p{  
    color:rgb(150, 162, 204)  
}
```

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(150, 162, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 162, 204) }
```

Border

The CSS property to change the border of an element to XYZ 36.3971, 36.6843, 62.2892 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(150, 162, 204) }
```


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

```
.border{ border-color:rgb(150, 162, 204) }
```

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

Here you see how a box with a 4 pixel rgb(150, 162, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 162, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 162, 204);  
box-shadow:4px 4px 4px 4px rgb(150, 162,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3971, 36.6843, 62.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 162, 204) }
```

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

```
.background{ background-color: rgb(150,  
162, 204) }
```

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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