

Converting Colors

XYZ(36.4871, 36.0981, 67.3319)

Have a look what the booklet for
XYZ(36.4871, 36.0981, 67.3319)
contains.

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Color

**XYZ(36.4871, 36.0981,
67.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	93A0D4
RGB	147, 160, 212
RGB Percent	58%, 63%, 83%
CMY	0.4235, 0.3725, 0.1686
CMYK	0.31, 0.25, 0.00, 0.17
HSL	228°, 43%, 70%
HSV	228°, 31%, 83%
XYZ	36.4871, 36.0981, 67.3319
YIQ	162.0410, -24.4400, 13.4160

Conversions

Conversions Part 2

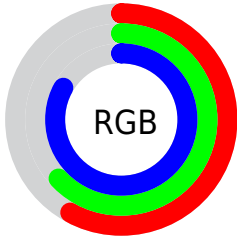
Format	Color
RYB	147, 158, 212
Decimal	9674964
CIELab	66.59, 7.38, -27.99
CIElCh	67, 28.943, 284.764
Yxy	36.0981, 0.2608, 0.2580
Android (android.graphics.Color)	4287865044 (0xFF93A0D4)
YUV	162.0410, 24.6298, -13.1910
Hunter-Lab	60.0817, 3.2586, -24.3875

Details

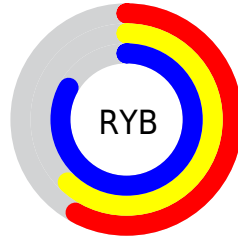
The XYZ color **36.4871, 36.0981, 67.3319** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.8420, 56.9512, 35.8126**, and the grayscale version is **34.2593, 36.0435, 39.2513**.

A 20% lighter version of the original color is **66.7076, 68.3774, 104.2900**, and **16.1705, 15.7513, 34.0863** is the 20% darker color. If you saturate the color by 10%, you get **30.2879, 28.8320, 66.2568**, and if you desaturate by 10%, it is **43.7904, 44.5303, 68.5752**.

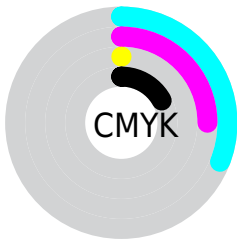
Distribution



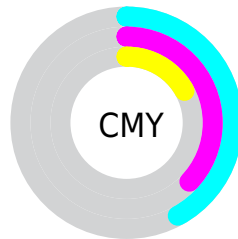
- Red (58%)
- Green (63%)
- Blue (83%)



- Red (58%)
- Yellow (62%)
- Blue (83%)



- Cyan (31%)
- Magenta (25%)
- Yellow (0%)
- Black (17%)



- Cyan (42%)
- Magenta (37%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4871, 36.0981, 67.3319 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 36.4871, 36.0981, 67.3319 by changing the saturation by 10% instead.

■ 36.4871, 36.0981,
67.3319

■ 36.4871, 36.0981,
67.3319

322.4788,
329.3891, 469.6589

■ 24.9825, 24.5100,
48.8911

■ 69.1022, 69.1835,
117.0410

■ 16.1927, 15.7123,
34.1681

■ 90.9434, 91.4495,
149.1464

■ 9.7523, 9.3208,
22.7444

116.9608,
118.0436, 186.6438

■ 5.2960, 4.9510,
14.2013

147.5198,
149.3501, 229.9517

■ 2.4585, 2.2186,
8.1205

182.9858,
185.7536, 279.4886

■ 0.8744, 0.7301,
4.0833

223.7240,

■ 0.0000, 0.0000,

227.6383, 335.6730

1.6711

270.0999,
275.3887, 398.9236

■ 0.0000, 0.0000,
0.3408

■ 0.0000, 0.0000,
0.0000

■ 36.4871, 36.0981,
67.3319

■ 36.4871, 36.0981,
67.3319

■ 30.2879, 28.8320,
66.2568

■ 43.7904, 44.5303,
68.5752

■ 25.1344, 22.6758,
65.3401

■ 52.2449, 54.1733,
69.9909

■ 20.9685, 17.5745,
64.5750

■ 61.8994, 65.0743,
71.5861

■ 17.7244, 13.4668,
63.9532

■ 72.7989, 77.2768,
73.3670

■ 15.3282, 10.2848,
63.4652

■ 84.9859, 90.8224,
75.3392

■ 13.6936, 7.9509,
63.1009

■ 88.8838, 97.5335,
76.4291

■ 12.7261, 6.4381,
62.8599

Harmonies

Analogous

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



32.1577, 36.0981, 67.2587



36.4871, 36.0981, 67.3319



40.5466, 36.0981, 58.8942

Triad

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



36.4871, 36.0981, 67.3319



40.6012, 36.0981, 24.7287



26.8530, 36.0981, 33.3370

Complementary

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



36.4871, 36.0981, 67.3319



52.8420, 56.9512, 35.8126

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.



28.7484, 36.0981, 24.6262



36.4871, 36.0981, 67.3319



36.5566, 36.0981, 20.4197

Square

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



36.4871, 36.0981, 67.3319



43.0547, 36.0981, 33.5084



32.2216, 36.0981, 20.3866



26.8378, 36.0981, 45.7337

Rectangle

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



36.4871, 36.0981, 67.3319



42.4498, 36.0981, 50.4334



32.2216, 36.0981, 20.3866



27.2838, 36.0981, 29.9468

Sweetspot

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



36.4883, 36.0995, 67.3327



81.5250, 84.7444, 106.6682



45.7605, 57.3642, 62.0371



17.0125, 17.6431, 22.7588



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.



36.4883, 36.0995, 67.3327



48.9021, 47.2100, 101.1428



37.9224, 33.6663, 66.7875



11.9418, 12.4069, 15.7029



7.9133, 4.0884, 38.8252



0.5366, 0.3652, 2.3615

Inverse Universe

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



43.9313, 37.4038, 38.1633



62.1132, 49.9034, 49.2830



50.9522, 60.6086, 36.6182



12.5238, 12.4610, 13.4326



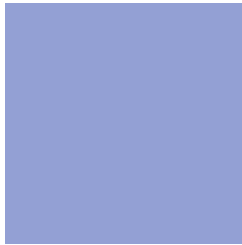
17.0531, 8.7576, 2.3179



1.0585, 0.5402, 0.2975

Previews

White Background



This preview shows how the XYZ color 36.4871, 36.0981, 67.3319 looks on a white background.

Color Contrast Check

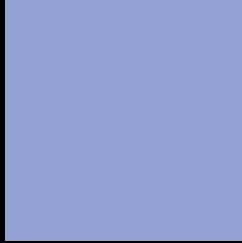
Large Text (above 18pt) WCAG AA × Fail

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 36.4871, 36.0981, 67.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

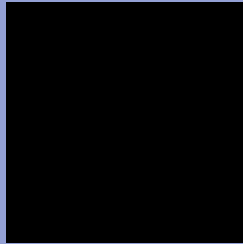
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4871, 36.0981, 67.3319

Background



This preview shows how black text looks on a background with the XYZ color 36.4871, 36.0981, 67.3319.



This preview shows how white text looks on a background with the XYZ color 36.4871, 36.0981,

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

36.4871, 36.0981, 67.3319

Protanopia

36.6672, 36.1910, 67.3403

Deuteranopia

36.8595, 36.0338, 67.2999



Tritanopia

32.5881, 36.1026, 47.8987

Trichromacy



Original Color

36.4871, 36.0981, 67.3319

Protanomaly

36.6672, 36.1910, 67.3403

Deuteranomaly

36.6762, 35.9393, 67.2913

Tritanomaly

34.0071, 36.1521, 54.4759

Monochromacy



Original Color

36.4871, 36.0981, 67.3319

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.8877, 35.9531, 48.2809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4871, 36.0981, 67.3319 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(147, 160, 212)` looks like.

```
.text, #text, p{  
    color:rgb(147, 160, 212)  
}
```

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(147, 160, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 160, 212) }
```

Border

The CSS property to change the border of an element to XYZ 36.4871, 36.0981, 67.3319 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(147, 160, 212) }
```


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

```
.border{ border-color:rgb(147, 160, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 160, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 160, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 160, 212);  
box-shadow:4px 4px 4px 4px rgb(147, 160,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4871, 36.0981, 67.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 160, 212) }
```

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

```
.background{ background-color: rgb(147,  
160, 212) }
```

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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