

Converting Colors

XYZ(36.8607, 35.6417, 62.0635)

Have a look what the booklet for
XYZ(36.8607, 35.6417, 62.0635)
contains.

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Color

**XYZ(36.8607, 35.6417,
62.0635)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9DCC
RGB	157, 157, 204
RGB Percent	62%, 62%, 80%
CMY	0.3843, 0.3843, 0.2000
CMYK	0.23, 0.23, 0.00, 0.20
HSL	240°, 32%, 71%
HSV	240°, 23%, 80%
XYZ	36.8607, 35.6417, 62.0635
YIQ	162.3580, -15.0870, 14.6170

Conversions

Conversions Part 2

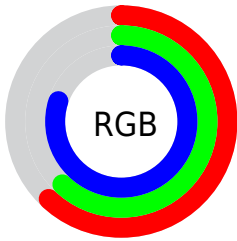
Format	Color
R_{YB}	157, 157, 204
Decimal	10329548
CIE _{Lab}	66.25, 10.12, -24.02
CIE _{LCh}	66, 26.069, 292.839
Yxy	35.6417, 0.2739, 0.2649
Android (android.graphics.Color)	4288519628 (0xFF9D9DCC)
YUV	162.3580, 20.5295, -4.6990
Hunter-Lab	59.7007, 5.7342, -19.8461

Details

The XYZ color **36.8607, 35.6417, 62.0635** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.5809, 58.4576, 40.4115**, and the grayscale version is **34.4232, 36.2159, 39.4391**.

A 20% lighter version of the original color is **68.4956, 67.8056, 104.0854**, and **16.4848, 15.5133, 30.9797** is the 20% darker color. If you saturate the color by 10%, you get **30.0401, 27.4234, 60.8373**, and if you desaturate by 10%, it is **44.9244, 45.3579, 63.5145**.

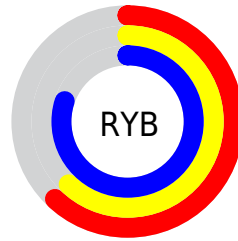
Distribution



Red (62%)

Green (62%)

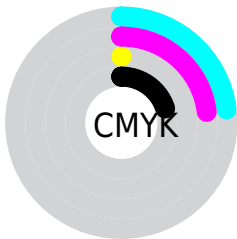
Blue (80%)



Red (62%)

Yellow (62%)

Blue (80%)

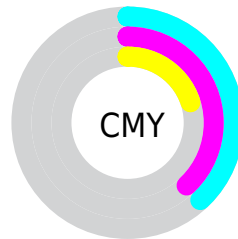


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (38%)

Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8607, 35.6417, 62.0635 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 36.8607, 35.6417, 62.0635 by changing the saturation by 10% instead.

■ 36.8607, 35.6417,
62.0635

■ 36.8607, 35.6417,
62.0635

324.0731,
327.3918, 450.1767

■ 25.2728, 24.1576,
44.6479

■ 69.6737, 68.4787,
109.3898

■ 16.4103, 15.4506,
30.8392

■ 91.6296, 90.6004,
140.1375

■ 9.9076, 9.1362,
20.2190

117.7721,
117.0367, 176.1664

■ 5.3995, 4.8301,
12.3687

148.4668,
148.1720, 217.8950

■ 2.5207, 2.1479,
6.8697

184.0788,
184.3908, 265.7418

■ 0.9057, 0.6914,
3.3035

224.9736,

■ 0.0000, 0.0000,

226.0774, 320.1253

1.2516

271.5166,
273.6163, 381.4641

■ 0.0000, 0.0000,
0.0217

■ 0.0000, 0.0000,
0.0000

■ 36.8607, 35.6417,
62.0635

■ 36.8607, 35.6417,
62.0635

■ 30.0401, 27.4234,
60.8373

■ 44.9244, 45.3579,
63.5145

■ 24.3975, 20.6245,
59.8224

■ 54.2849, 56.6367,
65.1982

■ 19.8673, 15.1659,
59.0075

■ 64.9972, 69.5442,
67.1250

■ 16.3760, 10.9591,
58.3795

■ 77.1119, 84.1415,
69.3040

■ 13.8413, 7.9048,
57.9236

■ 87.8992, 97.1397,
71.2444

■ 12.1684, 5.8891,
57.6227

■ 11.2433, 4.7743,
57.4563

■ 10.8992, 4.3598,
57.3944

Harmonies

Analogous

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



32.9533, 35.6417, 64.1530



36.8607, 35.6417, 62.0635



40.1881, 35.6417, 53.2253

Triad

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



36.8607, 35.6417, 62.0635



38.5942, 35.6417, 24.1277



26.9892, 35.6417, 36.2004

Complementary

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



36.8607, 35.6417, 62.0635



52.5809, 58.4576, 40.4115

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.



28.2627, 35.6417, 27.2617



36.8607, 35.6417, 62.0635



34.8165, 35.6417, 21.2096

Square

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



36.8607, 35.6417, 62.0635



41.2411, 35.6417, 31.0789



31.0576, 35.6417, 22.2359



27.4452, 35.6417, 47.7222

Rectangle

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



36.8607, 35.6417, 62.0635



41.5305, 35.6417, 45.4716



31.0576, 35.6417, 22.2359



27.2257, 35.6417, 32.8290

Sweetspot

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



36.8619, 35.6431, 62.0643



83.3529, 85.9059, 106.7961



46.3036, 54.6767, 64.7492



17.6363, 18.1408, 22.8219



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.



36.8619, 35.6431, 62.0643



54.7793, 51.4767, 101.6566



41.7135, 38.1440, 62.2913



10.6018, 10.8441, 14.1047



6.8601, 2.7441, 36.1244



0.3539, 0.1416, 1.8636

Inverse Universe

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



43.0456, 39.3867, 37.2335



66.9075, 58.8190, 52.9556



46.8020, 55.4788, 40.1411



11.2124, 11.2137, 11.6530



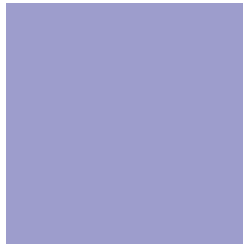
15.6735, 8.0800, 0.7336



0.8086, 0.4168, 0.0379

Previews

White Background



This preview shows how the XYZ color 36.8607, 35.6417, 62.0635 looks on a white background.

Color Contrast Check

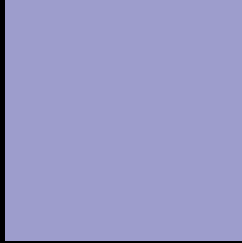
Large Text (above 18pt) WCAG AA × Fail

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 36.8607, 35.6417, 62.0635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

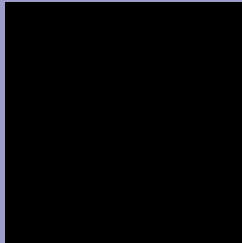
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.8607, 35.6417, 62.0635

Background



This preview shows how black text looks on a background with the XYZ color 36.8607, 35.6417, 62.0635.



This preview shows how white text looks on a background with the XYZ color 36.8607, 35.6417,

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

36.8607, 35.6417, 62.0635

Protanopia

35.9331, 35.6421, 63.3782

Deuteranopia

36.4524, 35.6834, 62.0931



Tritanopia

33.4207, 35.5151, 45.6511

Trichromacy



Original Color

36.8607, 35.6417, 62.0635

Protanomaly

36.1952, 35.5369, 62.7092

Deuteranomaly

36.6435, 35.7819, 62.1020

Tritanomaly

34.5706, 35.4591, 51.4766

Monochromacy



Original Color

36.8607, 35.6417, 62.0635

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.0038, 35.7895, 46.6581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8607, 35.6417, 62.0635 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(157, 157, 204)` looks like.

```
.text, #text, p{  
    color:rgb(157, 157, 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(157, 157, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 157, 204) }
```

Border

The CSS property to change the border of an element to XYZ 36.8607, 35.6417, 62.0635 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(157, 157, 204) }
```


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

```
.border{ border-color:rgb(157, 157, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 157, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 157, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 157, 204);  
box-shadow:4px 4px 4px 4px rgb(157, 157,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8607, 35.6417, 62.0635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 157, 204) }
```

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

```
.background{ background-color: rgb(157,  
157, 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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