

Converting Colors

XYZ(36.8948, 34.4920, 62.2801)

Have a look what the booklet for
XYZ(36.8948, 34.4920, 62.2801)
contains.

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Color

**XYZ(36.9456, 34.4413,
62.4582)**

Conversions

Conversions Part 1

Format	Color
Hex	A198CD
RGB	161, 152, 205
RGB Percent	63%, 60%, 80%
CMY	0.3686, 0.4039, 0.1961
CMYK	0.21, 0.26, 0.00, 0.20
HSL	250°, 35%, 70%
HSV	250°, 26%, 80%
XYZ	36.9456, 34.4413, 62.4582
YIQ	160.7330, -11.6490, 18.3910

Conversions

Conversions Part 2

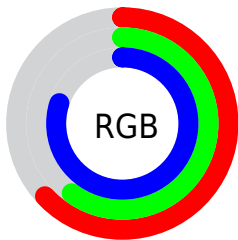
Format	Color
RYB	161, 152, 205
Decimal	10590413
CIELab	65.31, 14.42, -25.99
CIELCh	65, 29.720, 299.033
Yxy	34.4413, 0.2760, 0.2573
Android (android.graphics.Color)	4288780493 (0xFFA198CD)
YUV	160.7330, 21.8236, 0.2342
Hunter-Lab	58.6867, 9.6710, -22.0196

Details

The XYZ color **36.9456, 34.4413, 62.4582** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.2648, 57.6662, 38.1887**, and the grayscale version is **33.6592, 35.4121, 38.5638**.

A 20% lighter version of the original color is **68.4402, 65.9615, 103.7324**, and **16.4239, 14.7299, 31.2557** is the 20% darker color. If you saturate the color by 10%, you get **30.7022, 26.7037, 61.2943**, and if you desaturate by 10%, it is **44.2331, 43.5724, 63.8372**.

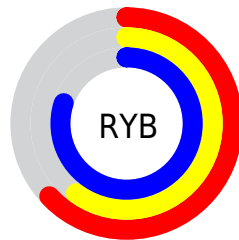
Distribution



Red (63%)

Green (60%)

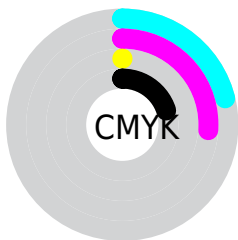
Blue (80%)



Red (63%)

Yellow (60%)

Blue (80%)

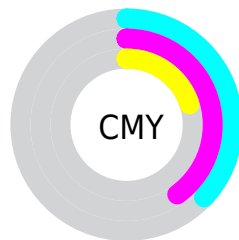


Cyan (21%)

Magenta (26%)

Yellow (0%)

Black (20%)



Cyan (37%)

Magenta (40%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9456, 34.4413, 62.4582 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 36.9456, 34.4413, 62.4582 by changing the saturation by 10% instead.

■ 36.9456, 34.4413,
62.4582

■ 36.9456, 34.4413,
62.4582

324.4346,
322.0953, 451.6542

■ 25.3389, 23.2328,
44.9649

■ 69.8035, 66.6193,
109.9655

■ 16.4598, 14.7655,
31.0870

■ 91.7853, 88.3577,
140.8165

■ 9.9430, 8.6550,
20.4061

117.9563,
114.3748, 176.9572

■ 5.4231, 4.5168,
12.5036

148.6816,
145.0550, 218.8061

■ 2.5349, 1.9667,
6.9609

184.3268,
180.7828, 266.7817

■ 0.9129, 0.5880,
3.3596

225.2571,

■ 0.0000, 0.0000,

221.9425, 321.3025

1.2810

271.8379,
268.9186, 382.7872

■ 0.0000, 0.0000,
0.0462

■ 0.0000, 0.0000,
0.0000

■ 36.9456, 34.4413,
62.4582

■ 36.9456, 34.4413,
62.4582

■ 30.7022, 26.7037,
61.2943

■ 44.2331, 43.5724,
63.8372

■ 25.4513, 20.2866,
60.3325

■ 52.6065, 54.1569,
65.4388

■ 21.1418, 15.1168,
59.5617

■ 62.1094, 66.2561,
67.2734

■ 17.7165, 11.1118,
58.9692

■ 72.7818, 79.9266,
69.3496

■ 15.1120, 8.1794,
58.5405

■ 84.6620, 95.2223,
71.6758

■ 13.2559, 6.2130,
58.2588

■ 88.0196, 97.1878,
71.8782

■ 12.0613, 5.0819,
58.1034

■ 11.7062, 4.7618,
58.0603

Harmonies

Analogous

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



32.5950, 34.4413, 66.7595



36.9456, 34.4413, 62.4582



40.4080, 34.4413, 51.1602

Triad

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



36.9456, 34.4413, 62.4582



37.2102, 34.4413, 20.5423



25.0948, 34.4413, 37.0995

Complementary

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



36.9456, 34.4413, 62.4582



50.2648, 57.6662, 38.1887

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.



26.1013, 34.4413, 26.5186



36.9456, 34.4413, 62.4582



32.8762, 34.4413, 18.3515

Square

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



36.9456, 34.4413, 62.4582



40.5700, 34.4413, 27.0760



28.8579, 34.4413, 20.2739



25.9806, 34.4413, 50.3072

Rectangle

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



36.9456, 34.4413, 62.4582



41.6107, 34.4413, 42.2237



28.8579, 34.4413, 20.2739



25.2214, 34.4413, 33.1438

Sweetspot

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



36.9467, 34.4427, 62.4590



82.9253, 84.5961, 106.5658



43.7469, 50.6392, 65.2268



17.2904, 17.5259, 22.7215



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.



36.9467, 34.4427, 62.4590



54.6443, 49.1176, 101.2083



42.8239, 37.4725, 62.7340



10.7764, 10.9340, 14.1129



7.3428, 2.9929, 36.1470



0.4352, 0.1835, 1.8674

Inverse Universe

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



46.3699, 39.4225, 57.3911



72.7192, 58.6765, 91.1651



44.0055, 54.4394, 37.8957



11.6026, 11.3698, 13.7078



20.2325, 9.9036, 24.7408



1.0660, 0.5198, 1.3933

Previews

White Background



This preview shows how the XYZ color 36.9456, 34.4413, 62.4582 looks on a white background.

Color Contrast Check

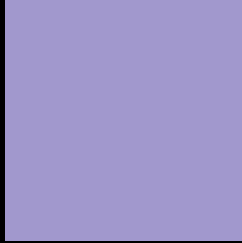
Large Text (above 18pt) WCAG AA × Fail

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 36.9456, 34.4413, 62.4582 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 36.9456, 34.4413, 62.4582

Background



This preview shows how black text looks on a background with the XYZ color 36.9456, 34.4413, 62.4582.



This preview shows how white text looks on a background with the XYZ color 36.9456, 34.4413,

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

36.9456, 34.4413, 62.4582

Protanopia

34.9437, 34.5973, 64.5107

Deuteranopia

35.3652, 34.6206, 61.9452



Tritanopia

33.0951, 34.3626, 43.4164

Trichromacy



Original Color

36.9456, 34.4413, 62.4582

Protanomaly

35.5615, 34.4317, 63.8032

Deuteranomaly

35.9469, 34.6723, 61.9246

Tritanomaly

34.3403, 34.3639, 49.6227

Monochromacy



Original Color

36.9456, 34.4413, 62.4582

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.8606, 35.2051, 46.5529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9456, 34.4413, 62.4582 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(161, 152, 205)` looks like.

```
.text, #text, p{  
    color:rgb(161, 152, 205)  
}
```

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(161, 152, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 152, 205) }
```

Border

The CSS property to change the border of an element to XYZ 36.9456, 34.4413, 62.4582 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(161, 152, 205) }
```


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

```
.border{ border-color:rgb(161, 152, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 152, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 152, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 152, 205);  
box-shadow:4px 4px 4px 4px rgb(161, 152,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9456, 34.4413, 62.4582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 152, 205) }
```

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

```
.background{ background-color: rgb(161,  
152, 205) }
```

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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