

Converting Colors

XYZ(36.7256, 34.7813, 61.4235)

Have a look what the booklet for
XYZ(36.7256, 34.7813, 61.4235)
contains.

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Color

**XYZ(36.8323, 34.8966,
61.2944)**

Conversions

Conversions Part 1

Format	Color
Hex	A09ACB
RGB	160, 154, 203
RGB Percent	63%, 60%, 80%
CMY	0.3725, 0.3961, 0.2039
CMYK	0.21, 0.24, 0.00, 0.20
HSL	247°, 32%, 70%
HSV	247°, 24%, 80%
XYZ	36.8323, 34.8966, 61.2944
YIQ	161.3800, -12.1530, 16.5110

Conversions

Conversions Part 2

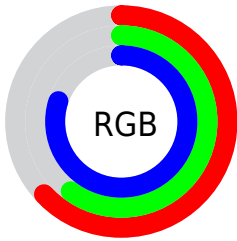
Format	Color
RYB	160, 154, 203
Decimal	10525387
CIELab	65.67, 12.51, -24.33
CIELCh	66, 27.361, 297.214
Yxy	34.8966, 0.2769, 0.2623
Android (android.graphics.Color)	4288715467 (0xFFA09ACB)
YUV	161.3800, 20.5187, -1.2103
Hunter-Lab	59.0733, 7.9166, -20.1679

Details

The XYZ color **36.8323, 34.8966, 61.2944** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.2158, 56.9162, 38.9127**, and the grayscale version is **33.9655, 35.7343, 38.9147**.

A 20% lighter version of the original color is **68.6302, 66.7788, 103.8801**, and **16.4594, 15.0586, 30.4729** is the 20% darker color. If you saturate the color by 10%, you get **30.4513, 27.0475, 60.1163**, and if you desaturate by 10%, it is **44.2925, 44.1447, 62.6869**.

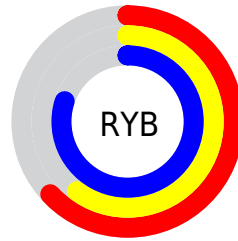
Distribution



Red (63%)

Green (60%)

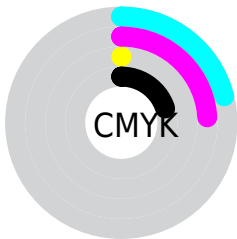
Blue (80%)



Red (63%)

Yellow (60%)

Blue (80%)

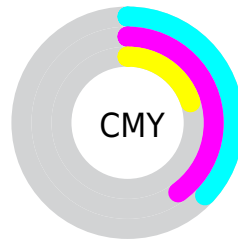


Cyan (21%)

Magenta (24%)

Yellow (0%)

Black (20%)



Cyan (37%)

Magenta (40%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8323, 34.8966, 61.2944 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 36.8323, 34.8966, 61.2944 by changing the saturation by 10% instead.

■ 36.8323, 34.8966,
61.2944

■ 36.8323, 34.8966,
61.2944

323.9521,
324.1117, 447.2890

■ 25.2508, 23.5832,
44.0307

■ 69.6303, 67.3256,
108.2668

■ 16.3937, 15.0248,
30.3573

■ 91.5775, 89.2099,
138.8125

■ 9.8958, 8.8368,
19.8556

117.7105,
115.3868, 174.6227

■ 5.3916, 4.6349,
12.1071

148.3949,
146.2405, 216.1159

■ 2.5159, 2.0347,
6.6932

183.9958,
182.1554, 263.7105

■ 0.9033, 0.6275,
3.1955

224.8788,

■ 0.0000, 0.0000,

223.5160, 317.8253

1.1953

271.4091,
270.7066, 378.8786

■ 0.0000, 0.0000,
0.0000

■ 36.8323, 34.8966,
61.2944

■ 36.8323, 34.8966,
61.2944

■ 30.4513, 27.0475,
60.1163

■ 44.2925, 44.1447,
62.6869

■ 25.0960, 20.5252,
59.1396

■ 52.8753, 54.8511,
64.3010

■ 20.7134, 15.2571,
58.3537

■ 62.6259, 67.0768,
66.1469

■ 17.2444, 11.1623,
57.7462

■ 73.5858, 80.8778,
68.2331

■ 14.6234, 8.1499,
57.3029

■ 85.6337, 95.9856,
70.5142

■ 12.7758, 6.1158,
57.0076

■ 87.7796, 97.0918,
70.6147

■ 11.6132, 4.9350,
56.8410

■ 11.1769, 4.5167,
56.7832

Harmonies

Analogous

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



32.7937, 34.8966, 64.6918



36.8323, 34.8966, 61.2944



40.1043, 34.8966, 51.2970

Triad

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



36.8323, 34.8966, 61.2944



37.5349, 34.8966, 22.2515



26.0274, 34.8966, 36.9300

Complementary

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



36.8323, 34.8966, 61.2944



50.2158, 56.9162, 38.9127

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.



27.0817, 34.8966, 27.2201



36.8323, 34.8966, 61.2944



33.5455, 34.8966, 19.8889

Square

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



36.8323, 34.8966, 61.2944



40.5325, 34.8966, 28.7405



29.7555, 34.8966, 21.5063



26.7547, 34.8966, 49.0527

Rectangle

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



36.8323, 34.8966, 61.2944



41.2966, 34.8966, 43.1123



29.7555, 34.8966, 21.5063



26.1831, 34.8966, 33.3023

Sweetspot

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



36.8334, 34.8980, 61.2952



84.0876, 86.2844, 106.8304



44.1376, 51.2441, 64.0653



17.8057, 18.2281, 22.8299



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.



36.8334, 34.8980, 61.2952



55.8451, 51.2486, 101.5563



42.1554, 37.6416, 61.5443



10.7273, 10.9087, 14.1106



7.1545, 2.8958, 36.1381



0.4125, 0.1718, 1.8664

Inverse Universe

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



46.2634, 39.8403, 58.0763



74.4004, 60.9786, 94.9944



44.3755, 53.9054, 38.6393



11.6261, 11.3792, 13.8317



20.8197, 10.1385, 27.8330



1.0911, 0.5298, 1.5256

Previews

White Background



This preview shows how the XYZ color 36.8323, 34.8966, 61.2944 looks on a white background.

Color Contrast Check

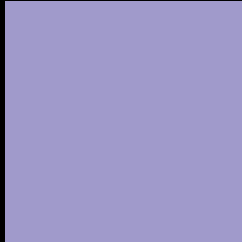
Large Text (above 18pt) WCAG AA × Fail

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 36.8323, 34.8966, 61.2944 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 36.8323, 34.8966, 61.2944

Background



This preview shows how black text looks on a background with the XYZ color 36.8323, 34.8966, 61.2944.



This preview shows how white text looks on a background with the XYZ color 36.8323, 34.8966,

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

36.8323, 34.8966, 61.2944

Protanopia

35.4001, 35.1130, 63.3042

Deuteranopia

35.4980, 34.7166, 60.7071



Tritanopia

33.3436, 34.9902, 44.0261

Trichromacy



Original Color

36.8323, 34.8966, 61.2944

Protanomaly

36.0253, 35.1971, 62.6526

Deuteranomaly

35.8996, 34.6755, 60.6780

Tritanomaly

34.4844, 34.9405, 49.7264

Monochromacy



Original Color

36.8323, 34.8966, 61.2944

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.7613, 35.1654, 46.0298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8323, 34.8966, 61.2944 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(160, 154, 203)` looks like.

```
.text, #text, p{  
    color:rgb(160, 154, 203)  
}
```

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(160, 154, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 154, 203) }
```

Border

The CSS property to change the border of an element to XYZ 36.8323, 34.8966, 61.2944 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(160, 154, 203) }
```


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

```
.border{ border-color:rgb(160, 154, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 154, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 154, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 154, 203);  
box-shadow:4px 4px 4px 4px rgb(160, 154,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8323, 34.8966, 61.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 154, 203) }
```

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

```
.background{ background-color: rgb(160,  
154, 203) }
```

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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