

Converting Colors

XYZ(36.5809, 34.6898, 51.0454)

Have a look what the booklet for
XYZ(36.5809, 34.6898, 51.0454)
contains.

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Color

**XYZ(36.6163, 34.7627,
51.2343)**

Conversions

Conversions Part 1

Format	Color
Hex	A999BA
RGB	169, 153, 186
RGB Percent	66%, 60%, 73%
CMY	0.3373, 0.4000, 0.2706
CMYK	0.09, 0.18, 0.00, 0.27
HSL	269°, 19%, 66%
HSV	269°, 18%, 73%
XYZ	36.6163, 34.7627, 51.2343
YIQ	161.5460, -1.0570, 13.6550

Conversions

Conversions Part 2

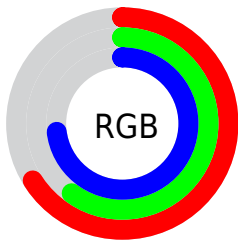
Format	Color
RYB	169, 153, 186
Decimal	11114938
CIELab	65.56, 12.25, -14.93
CIELCh	66, 19.314, 309.362
Yxy	34.7627, 0.2986, 0.2835
Android (android.graphics.Color)	4289305018 (0xFFA999BA)
YUV	161.5460, 12.0558, 6.5372
Hunter-Lab	58.9599, 7.6753, -10.2492

Details

The XYZ color **36.6163, 34.7627, 51.2343** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.8876, 45.9647, 36.9085**, and the grayscale version is **34.0773, 35.8519, 39.0428**.

A 20% lighter version of the original color is **69.0803, 66.8837, 93.2733**, and **16.3211, 14.9781, 24.2211** is the 20% darker color. If you saturate the color by 10%, you get **31.8253, 28.1211, 50.2054**, and if you desaturate by 10%, it is **42.0347, 42.4340, 52.4300**.

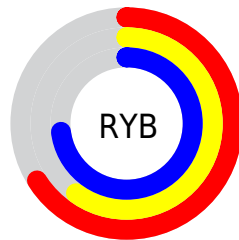
Distribution



Red (66%)

Green (60%)

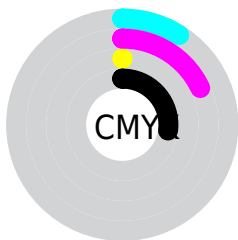
Blue (73%)



Red (66%)

Yellow (60%)

Blue (73%)

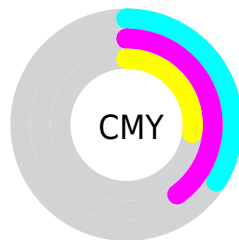


Cyan (9%)

Magenta (18%)

Yellow (0%)

Black (27%)



Cyan (34%)


Magenta (40%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6163, 34.7627, 51.2343 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 36.6163, 34.7627, 51.2343 by changing the saturation by 10% instead.


 36.6163, 34.7627,
51.2343


 36.6163, 34.7627,
51.2343


323.0308,
323.5197, 408.3459

 25.0829, 23.4801,
36.0171

 69.2999, 67.1180,
93.4161

 16.2679, 14.9484,
24.1576


 91.1808, 88.9595,
121.2177

 9.8059, 8.7832,
15.2373


117.2416,
115.0895, 154.0512

 5.3318, 4.6000,
8.8376

147.8476,
145.8923, 192.3351

 2.4799, 2.0146,
4.5401

183.3641,
181.7523, 236.4880

 0.8852, 0.6159,
1.9260

224.1566,

 0.0000, 0.0000,

223.0539, 286.9284

0.5092

270.5904,
270.1816, 344.0749

■ 0.0000, 0.0000,
0.0000

■ 36.6163, 34.7627,
51.2343

■ 36.6163, 34.7627,
51.2343

■ 31.8253, 28.1211,
50.2054

■ 42.0347, 42.4340,
52.4300

■ 27.6333, 22.4593,
49.3335

■ 48.1008, 51.1732,
53.7971

■ 24.0145, 17.7298,
48.6113

■ 54.8381, 61.0219,
55.3430

■ 20.9396, 13.8792,
48.0302

■ 62.2678, 72.0181,
57.0739

■ 18.3766, 10.8486,
47.5803

■ 70.4100, 84.1981,
58.9957

■ 16.2893, 8.5715,
47.2508

■ 76.1431, 91.3144,
60.0671

■ 14.6363, 6.9705,
47.0289

■ 79.2415, 92.9117,
60.2121

■ 13.3563, 5.9293,
46.8954

■ 82.5107, 94.5970,
60.3651

■ 13.0965, 5.7276,
46.8701

■ 85.8630, 96.3252,
60.5220

Harmonies

Analogous

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



33.9347, 34.7627, 55.4181



36.6163, 34.7627, 51.2343



38.4035, 34.7627, 43.6180

Triad

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



36.6163, 34.7627, 51.2343



34.9977, 34.7627, 25.0513



27.9539, 34.7627, 40.4447

Complementary

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



36.6163, 34.7627, 51.2343



39.8876, 45.9647, 36.9085

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.



28.2023, 34.7627, 32.6155



36.6163, 34.7627, 51.2343



32.1630, 34.7627, 24.4538

Square

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



36.6163, 34.7627, 51.2343



37.4325, 34.7627, 28.7962



29.7062, 34.7627, 27.0279



29.0069, 34.7627, 48.6283

Rectangle

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



36.6163, 34.7627, 51.2343



38.7907, 34.7627, 38.0246



29.7062, 34.7627, 27.0279



27.8893, 34.7627, 37.6772

Sweetspot

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



36.6174, 34.7642, 51.2351



78.9950, 80.9306, 95.6591



36.3852, 39.0870, 52.0817



17.2300, 17.5842, 21.0285



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.6174, 34.7642, 51.2351



63.1088, 58.4575, 92.1586



40.3715, 36.6995, 51.4108



8.9244, 8.9274, 11.3322



8.8967, 3.8976, 31.5365



0.3851, 0.1743, 1.1151

Inverse Universe

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



38.8979, 36.1254, 42.9549



68.0179, 61.3883, 74.3106



36.5509, 44.2446, 36.7524



9.1926, 9.0874, 10.3614



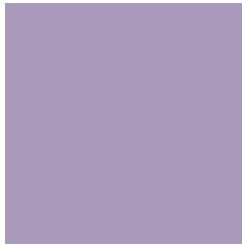
15.0765, 7.6043, 8.2894



0.5626, 0.2805, 0.4562

Previews

White Background



This preview shows how the XYZ color 36.6163, 34.7627, 51.2343 looks on a white background.

Color Contrast Check

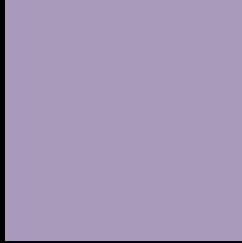
Large Text (above 18pt) WCAG AA × Fail

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 36.6163, 34.7627, 51.2343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

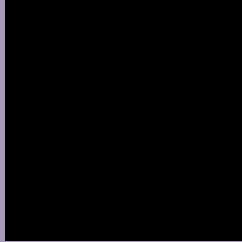
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6163, 34.7627, 51.2343

Background



This preview shows how black text looks on a background with the XYZ color 36.6163, 34.7627, 51.2343.



This preview shows how white text looks on a background with the XYZ color 36.6163, 34.7627,

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

36.6163, 34.7627, 51.2343

Protanopia

34.5490, 34.9001, 53.0596

Deuteranopia

35.4846, 34.6692, 51.2760



Tritanopia

34.6822, 34.7111, 41.9177

Trichromacy



Original Color

36.6163, 34.7627, 51.2343

Protanomaly

35.2636, 34.7787, 52.4313

Deuteranomaly

35.9356, 34.6557, 51.2496

Tritanomaly

35.3956, 34.7533, 45.4000

Monochromacy



Original Color

36.6163, 34.7627, 51.2343

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.2659, 35.7359, 43.5671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6163, 34.7627, 51.2343 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(169, 153, 186)` looks like.

```
.text, #text, p{  
    color:rgb(169, 153, 186)  
}
```

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(169, 153, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 153, 186) }
```

Border

The CSS property to change the border of an element to XYZ 36.6163, 34.7627, 51.2343 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(169, 153, 186) }
```


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

```
.border{ border-color:rgb(169, 153, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 153, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 153, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 153, 186);  
box-shadow:4px 4px 4px 4px rgb(169, 153,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6163, 34.7627, 51.2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 153, 186) }
```

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

```
.background{ background-color: rgb(169,  
153, 186) }
```

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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