

Converting Colors

XYZ(35.9997, 33.7179, 50.9163)

Have a look what the booklet for
XYZ(35.9997, 33.7179, 50.9163)
contains.

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Color

**XYZ(36.1315, 33.7929,
51.0727)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A996BA |
| RGB | 169, 150, 186 |
| RGB Percent | 66%, 59%, 73% |
| CMY | 0.3372, 0.4117, 0.2706 |
| CMYK | 0.09, 0.19, 0.00, 0.27 |
| HSL | 272°, 21%, 66% |
| HSV | 272°, 19%, 73% |
| XYZ | 36.1315, 33.7929, 51.0727 |
| YIQ | 159.7850, -0.2320, 15.2240 |

Conversions

Conversions Part 2

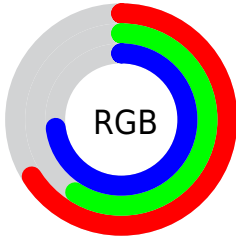
| Format | Color |
|-------------------------------------|---|
| RYB | 169, 150, 186 |
| Decimal | 11114170 |
| CIELab | 64.80, 13.94, -16.09 |
| CIELCh | 65, 21.286, 310.900 |
| Yxy | 33.7929, 0.2986, 0.2793 |
| Android (android.graphics.Color) | 4289304250 (0xFFA996BA) |
| YUV | 159.7850, 12.9240, 8.0816 |
| Hunter-Lab | 58.1317, 9.2156, -11.3982 |

Details

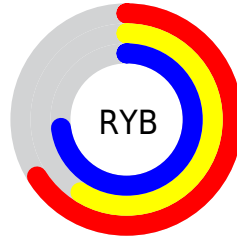
The XYZ color **36.1315, 33.7929, 51.0727** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.0014, 45.5361, 35.5895**, and the grayscale version is **33.2580, 34.9900, 38.1042**.

A 20% lighter version of the original color is **68.3603, 65.4438, 93.0333**, and **16.0316, 14.3990, 24.1246** is the 20% darker color. If you saturate the color by 10%, you get **31.5745, 27.3826, 50.0761**, and if you desaturate by 10%, it is **41.2883, 41.2136, 52.2338**.

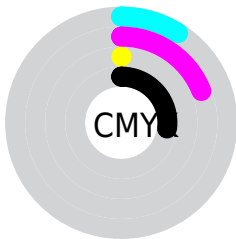
Distribution



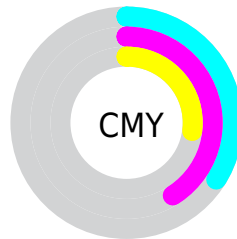
- Red (66%)
- Green (59%)
- Blue (73%)



- Red (66%)
- Yellow (59%)
- Blue (73%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)
- Black (27%)





- Cyan (34%)
- Magenta (41%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1315, 33.7929, 51.0727 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 36.1315, 33.7929, 51.0727 by changing the saturation by 10% instead.


 36.1315, 33.7929,
51.0727


 36.1315, 33.7929,
51.0727


320.9562,
319.2076, 407.7008

 24.7064, 22.7345,
35.8893


 68.5575, 65.6115,
93.1748

 15.9860, 14.3976,
24.0597


 90.2891, 87.1405,
120.9307

 9.6050, 8.3977,
15.1653


116.1869,
112.9285, 153.7144

 5.1981, 4.3505,
8.7876

146.6162,
143.3600, 191.9446

 2.3999, 1.8715,
4.5080

181.9425,
178.8192, 236.0398

 0.8451, 0.5312,
1.9080

222.5310,

 0.0000, 0.0000,

219.6906, 286.4186

0.4978

268.7471,
266.3586, 343.4994

■ 0.0000, 0.0000,
0.0000

■ 36.1315, 33.7929,
51.0727

■ 36.1315, 33.7929,
51.0727

■ 31.5745, 27.3826,
50.0761

■ 41.2883, 41.2136,
52.2338

■ 27.5896, 21.9327,
49.2342

■ 47.0649, 49.6830,
53.5641

■ 24.1512, 17.3954,
48.5396

■ 53.4841, 59.2427,
55.0709

■ 21.2306, 13.7170,
47.9836

■ 60.5667, 69.9307,
56.7606

■ 18.7960, 10.8381,
47.5562

■ 68.3322, 81.7831,
58.6391

■ 16.8115, 8.6910,
47.2463

■ 74.6565, 90.5480,
59.9976

■ 15.2354, 7.1965,
47.0409

■ 77.4127, 91.9689,
60.1266

■ 13.9925, 6.2089,
46.9158

■ 80.3111, 93.4631,
60.2622

■ 13.9178, 6.1510,
46.9086

■ 83.3537, 95.0316,
60.4046

Harmonies

Analogous

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



33.2457, 33.7929, 55.9666



36.1315, 33.7929, 51.0727



38.0119, 33.7929, 42.5945

Triad

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



36.1315, 33.7929, 51.0727



34.0851, 33.7929, 23.0471



26.6761, 33.7929, 40.0771

Complementary

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



36.1315, 33.7929, 51.0727



39.0014, 45.5361, 35.5895

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.



26.8692, 33.7929, 31.5469



36.1315, 33.7929, 51.0727



31.0183, 33.7929, 22.5931

Square

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



36.1315, 33.7929, 51.0727



36.7795, 33.7929, 26.8194



28.4154, 33.7929, 25.4616



27.8701, 33.7929, 48.9797

Rectangle

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



36.1315, 33.7929, 51.0727



38.3750, 33.7929, 36.5305



28.4154, 33.7929, 25.4616



26.5830, 33.7929, 37.0602

Sweetspot

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



36.1325, 33.7943, 51.0734



78.1182, 79.4839, 95.4261



35.3340, 37.8147, 51.8915



17.0554, 17.2882, 20.9806



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.



36.1325, 33.7943, 51.0734



62.0365, 56.3580, 91.8099



39.9562, 35.7729, 50.9201



8.9613, 8.9464, 11.3340



9.4505, 4.1831, 31.5624



0.4040, 0.1840, 1.1160

Inverse Universe

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



38.1322, 35.0433, 41.3149



66.3656, 59.0603, 70.7492



35.6913, 43.8241, 35.6875



9.1764, 9.0809, 10.2764



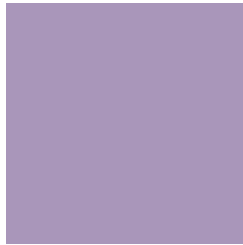
14.8412, 7.5102, 7.0503



0.5545, 0.2773, 0.4134

Previews

White Background



This preview shows how the XYZ color 36.1315, 33.7929, 51.0727 looks on a white background.

Color Contrast Check

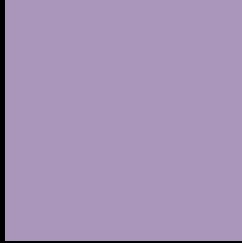
Large Text (above 18pt) WCAG AA × Fail

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 36.1315, 33.7929, 51.0727 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 36.1315, 33.7929, 51.0727

Background



This preview shows how black text looks on a background with the XYZ color 36.1315, 33.7929, 51.0727.



This preview shows how white text looks on a background with the XYZ color 36.1315, 33.7929,

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

36.1315, 33.7929, 51.0727

Protanopia

33.7604, 33.9787, 53.4944

Deuteranopia

34.6106, 33.9849, 50.6345



Tritanopia

34.1644, 33.9714, 40.8329

Trichromacy



Original Color

36.1315, 33.7929, 51.0727

Protanomaly

34.6455, 33.9534, 52.8718

Deuteranomaly

35.2524, 34.0718, 50.6174

Tritanomaly

34.8704, 34.0151, 44.2629

Monochromacy



Original Color

36.1315, 33.7929, 51.0727

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.1542, 34.4280, 42.3813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1315, 33.7929, 51.0727 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, 150, 186)` looks like.

```
.text, #text, p{  
    color:rgb(169, 150, 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, 150, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 150, 186) }
```

Border

The CSS property to change the border of an element to XYZ 36.1315, 33.7929, 51.0727 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, 150, 186) }
```


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

```
.border{ border-color:rgb(169, 150, 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, 150, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 150, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 150, 186);  
box-shadow:4px 4px 4px 4px rgb(169, 150,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1315, 33.7929, 51.0727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 150, 186) }
```

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

```
.background{ background-color: rgb(169,  
150, 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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