

Converting Colors

XYZ(36.3501, 27.4950, 52.7035)

Have a look what the booklet for
XYZ(36.3501, 27.4950, 52.7035)
contains.

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Color

**XYZ(36.2505, 27.3943,
52.6672)**

Conversions

Conversions Part 1

Format	Color
Hex	BA77BF
RGB	186, 119, 191
RGB Percent	73%, 47%, 75%
CMY	0.2706, 0.5333, 0.2510
CMYK	0.03, 0.38, 0.00, 0.25
HSL	296°, 36%, 61%
HSV	296°, 38%, 75%
XYZ	36.2505, 27.3943, 52.6672
YIQ	147.2410, 16.8200, 36.5960

Conversions

Conversions Part 2

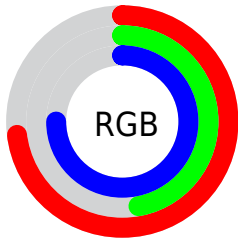
Format	Color
R_{YB}	186, 119, 191
Decimal	12220351
CIE _{Lab}	59.34, 37.87, -27.10
CIE _{LCh}	59, 46.570, 324.408
Yxy	27.3943, 0.3117, 0.2355
Android (android.graphics.Color)	4290410431 (0xFFBA77BF)
YUV	147.2410, 21.5732, 33.9916
Hunter-Lab	52.3396, 32.0353, -23.0234

Details

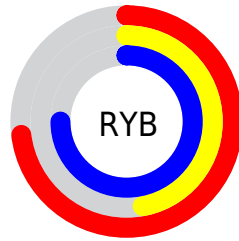
The XYZ color **36.2505, 27.3943, 52.6672** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.2736, 42.8792, 24.1349**, and the grayscale version is **27.7422, 29.1870, 31.7846**.

A 20% lighter version of the original color is **68.6579, 55.3370, 95.8694**, and **15.9426, 10.7657, 24.9046** is the 20% darker color. If you saturate the color by 10%, you get **33.8813, 23.1315, 51.9697**, and if you desaturate by 10%, it is **39.0812, 32.5746, 53.5183**.

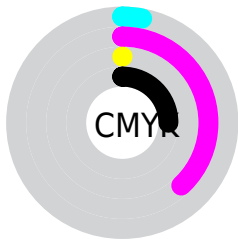
Distribution



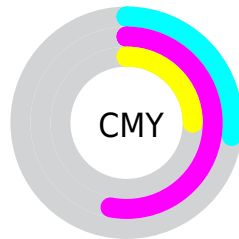
- Red (73%)
- Green (47%)
- Blue (75%)



- Red (73%)
- Yellow (47%)
- Blue (75%)



- Cyan (3%)
- Magenta (38%)
- Yellow (0%)
- Black (25%)





- Cyan (27%)
- Magenta (53%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2505, 27.3943, 52.6672 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 36.2505, 27.3943, 52.6672 by changing the saturation by 10% instead.


 36.2505, 27.3943,
52.6672


 36.2505, 27.3943,
52.6672


321.4663,
289.5612, 414.0370

 24.7987, 17.8696,
37.1513


 68.7399, 55.5159,
95.5511

 16.0551, 10.8564,
25.0279


 90.5082, 74.8817,
123.7561

 9.6542, 5.9703,
15.8786


 116.4461, 98.2965,
157.0278

 5.2308, 2.8271,
9.2849

146.9189,
126.1448, 195.7849

 2.4195, 1.0421,
4.8281

182.2919,
158.8111, 240.4458

 0.8548, 0.0000,
2.0898

222.9306,

 0.0000, 0.0000,

196.6796, 291.4291

0.6097

269.2003,
240.1349, 349.1533

■ 0.0000, 0.0000,
0.0000

■ 36.2505, 27.3943,
52.6672

■ 36.2505, 27.3943,
52.6672

■ 33.8813, 23.1315,
51.9697

■ 39.0812, 32.5746,
53.5183

■ 31.9435, 19.7275,
51.4148

■ 42.3961, 38.7193,
54.5296

■ 30.4074, 17.1226,
50.9929


■ 46.2193, 45.8763,
55.7096


■ 29.2386, 15.2478,
50.6927


■ 50.5728, 54.0893,
57.0654


■ 28.3967, 14.0225,
50.5005


■ 55.4772, 63.3996,
58.6040


 27.8221, 13.3274,
50.3966

 60.9519, 73.8461,
60.3318

 27.7042, 13.1957,
50.3774

 67.0155, 85.4658,
62.2550

 68.0883, 87.0995,
62.5138

 68.4363, 87.2789,
62.5301

Harmonies

Analogous

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



30.9463, 27.3943, 69.6189



36.2505, 27.3943, 52.6672



38.8533, 27.3943, 33.0645

Triad

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



36.2505, 27.3943, 52.6672



27.1444, 27.3943, 7.9362



17.1107, 27.3943, 45.1462

Complementary

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



36.2505, 27.3943, 52.6672



30.2736, 42.8792, 24.1349

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.



16.4041, 27.3943, 26.8094



36.2505, 27.3943, 52.6672



21.6773, 27.3943, 9.1130

Square

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



36.2505, 27.3943, 52.6672



33.1166, 27.3943, 10.6060



17.9491, 27.3943, 14.7808



20.0467, 27.3943, 64.2617

Rectangle

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



36.2505, 27.3943, 52.6672



38.4642, 27.3943, 22.5359



17.9491, 27.3943, 14.7808



16.6249, 27.3943, 38.5439

Sweetspot

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



36.2514, 27.3955, 52.6678



80.2901, 77.4932, 99.0051



24.3464, 22.3520, 52.3218



17.4224, 16.6260, 21.6762



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.2514, 27.3955, 52.6678



61.4595, 42.8164, 93.3042



34.5165, 26.8443, 37.0814



9.8628, 9.6617, 12.0173



18.2347, 8.6864, 33.1085



0.7341, 0.3505, 1.2978

Inverse Universe

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



31.7216, 25.7263, 22.3636



52.3080, 39.4648, 31.1545



31.6642, 43.3541, 35.1341



9.5563, 9.5468, 10.0526



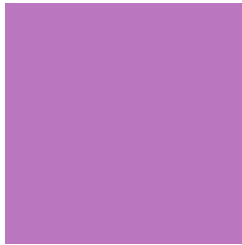
14.1805, 7.3034, 0.9782



0.5647, 0.2898, 0.0872

Previews

White Background



This preview shows how the XYZ color 36.2505, 27.3943, 52.6672 looks on a white background.

Color Contrast Check

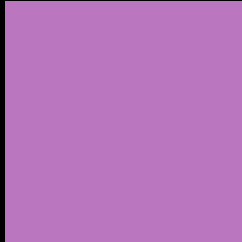
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.2505, 27.3943, 52.6672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

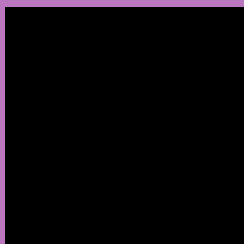
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.2505, 27.3943, 52.6672

Background



This preview shows how black text looks on a background with the XYZ color 36.2505, 27.3943, 52.6672.



This preview shows how white text looks on a background with the XYZ color 36.2505, 27.3943,

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

36.2505, 27.3943, 52.6672

Protanopia

28.7952, 27.6688, 63.4974

Deuteranopia

28.3260, 27.7059, 50.8685



Tritanopia

31.3067, 27.4424, 28.4578

Trichromacy



Original Color

36.2505, 27.3943, 52.6672



Protanomaly

30.7253, 27.0591, 59.4806



Deuteranomaly

30.6015, 27.1782, 51.2100



Tritanomaly

33.0103, 27.3700, 36.3440

Monochromacy



Original Color

36.2505, 27.3943, 52.6672



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

30.2545, 28.1127, 38.4820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2505, 27.3943, 52.6672 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(186, 119, 191)` looks like.

```
.text, #text, p{  
    color:rgb(186, 119, 191)  
}
```

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(186, 119, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 119, 191) }
```

Border

The CSS property to change the border of an element to XYZ 36.2505, 27.3943, 52.6672 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(186, 119, 191) }
```


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

```
.border{ border-color:rgb(186, 119, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 119, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 119, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 119, 191);  
box-shadow:4px 4px 4px 4px rgb(186, 119,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2505, 27.3943, 52.6672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 119, 191) }
```

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

```
.background{ background-color: rgb(186,  
119, 191) }
```

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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