

Converting Colors

XYZ(36.0511, 31.4901, 44.4921)

Have a look what the booklet for
XYZ(36.0511, 31.4901, 44.4921)
contains.

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Color

**XYZ(36.0265, 31.3841,
44.7164)**

Conversions

Conversions Part 1

Format	Color
Hex	B58BAF
RGB	181, 139, 175
RGB Percent	71%, 55%, 69%
CMY	0.2902, 0.4549, 0.3137
CMYK	0.00, 0.23, 0.03, 0.29
HSL	309°, 22%, 63%
HSV	309°, 23%, 71%
XYZ	36.0265, 31.3841, 44.7164
YIQ	155.6620, 13.4760, 20.1000

Conversions

Conversions Part 2

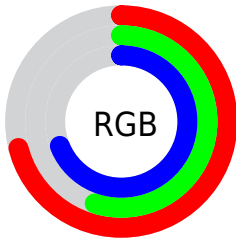
Format	Color
RYB	181, 139, 175
Decimal	11897775
CIELab	62.83, 22.07, -12.75
CIElCh	63, 25.483, 329.985
Yxy	31.3841, 0.3213, 0.2799
Android (android.graphics.Color)	4290087855 (0xFFB58BAF)
YUV	155.6620, 9.5336, 22.2214
Hunter-Lab	56.0215, 16.7527, -8.1102

Details

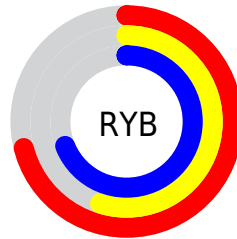
The XYZ color **36.0265, 31.3841, 44.7164** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.2834, 40.5819, 32.9213**, and the grayscale version is **31.4049, 33.0404, 35.9810**.

A 20% lighter version of the original color is **68.4188, 61.9140, 83.9458**, and **16.0496, 13.1640, 20.4339** is the 20% darker color. If you saturate the color by 10%, you get **33.3683, 26.4698, 42.5895**, and if you desaturate by 10%, it is **39.1253, 37.1709, 47.0149**.

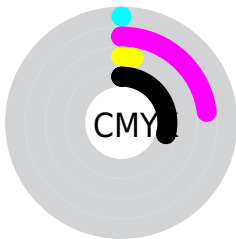
Distribution



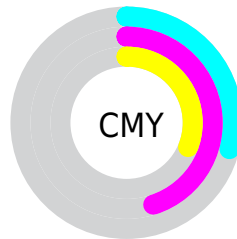
- Red (71%)
- Green (55%)
- Blue (69%)



- Red (71%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (29%)



- Cyan (29%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0265, 31.3841, 44.7164 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 36.0265, 31.3841, 44.7164 by changing the saturation by 10% instead.

36.0265, 31.3841,
44.7164

36.0265, 31.3841,
44.7164

320.5056,
308.3040, 381.7503

24.6249, 20.8915,
30.8928

68.3966, 61.8443,
83.6086

15.9250, 13.0447,
20.2594

90.0957, 82.5807,
109.5143

9.5616, 7.4593,
12.3978

115.9581,
107.5005, 140.2844

5.1693, 3.7510,
6.8894

146.3490,
136.9880, 176.3375

2.3827, 1.5353,
3.3156

181.6339,
171.4278, 218.0921

0.8365, 0.3134,
1.2580

222.1780,

0.0000, 0.0000,

211.2041, 265.9667

0.0270

268.3468,
256.7013, 320.3800

■ 0.0000, 0.0000,
0.0000

■ 36.0265, 31.3841,
44.7164

■ 36.0265, 31.3841,
44.7164

■ 33.3683, 26.4698,
42.5895

■ 39.1253, 37.1709,
47.0149

■ 31.1266, 22.3812,
40.6249

■ 42.6819, 43.8657,
49.4897

■ 29.2791, 19.0734,
38.8155

■ 46.7158, 51.5074,
52.1479

■ 27.8003, 16.4954,
37.1526

■ 51.2446, 60.1310,
54.9955

■ 26.6619, 14.5904,
35.6266

■ 56.2850, 69.7700,
58.0382

■ 25.8311, 13.2931,
34.2265

■ 61.8531, 80.4562,
61.2813

■ 25.2687, 12.5251,
32.9391

■ 64.4534, 85.1987,
63.5600

■ 24.9846, 12.1952,
32.1098

■ 64.7446, 85.3152,
65.0939

■ 65.0410, 85.4338,
66.6545

Harmonies

Analogous

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



33.3111, 31.3841, 53.6699



36.0265, 31.3841, 44.7164



37.0568, 31.3841, 34.1768

Triad

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



36.0265, 31.3841, 44.7164



29.8313, 31.3841, 18.3297



24.3861, 31.3841, 44.7063

Complementary

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



36.0265, 31.3841, 44.7164



32.2834, 40.5819, 32.9213

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.



23.6091, 31.3841, 34.1671



36.0265, 31.3841, 44.7164



26.5996, 31.3841, 20.0811

Square

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



36.0265, 31.3841, 44.7164



33.3143, 31.3841, 20.0846



24.3875, 31.3841, 25.4309



26.5969, 31.3841, 53.6633

Rectangle

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



36.0265, 31.3841, 44.7164



36.5918, 31.3841, 28.0146



24.3875, 31.3841, 25.4309



23.9566, 31.3841, 41.1712

Sweetspot

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



36.0274, 31.3855, 44.7171



73.8482, 73.6700, 86.8606



29.1811, 27.7865, 47.5419



15.8802, 15.7701, 18.7176



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.0274, 31.3855, 44.7171



61.9206, 51.3854, 78.0430



34.1559, 30.6368, 34.8614



8.7968, 8.6254, 10.4283



17.2432, 8.4148, 22.2383



0.5568, 0.2705, 0.7747

Inverse Universe

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



36.0274, 31.3855, 44.7171



61.9206, 51.3854, 78.0430



34.0187, 41.2760, 42.0594



8.7968, 8.6254, 10.4283



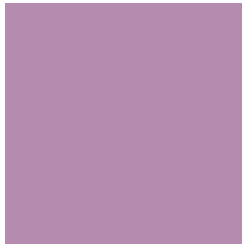
17.2432, 8.4148, 22.2383



0.5568, 0.2705, 0.7747

Previews

White Background



This preview shows how the XYZ color 36.0265, 31.3841, 44.7164 looks on a white background.

Color Contrast Check

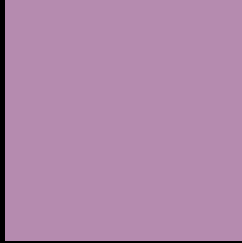
Large Text (above 18pt) WCAG AA × Fail

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 36.0265, 31.3841, 44.7164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

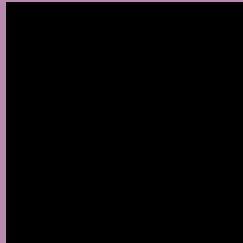
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0265, 31.3841, 44.7164

Background



This preview shows how black text looks on a background with the XYZ color 36.0265, 31.3841, 44.7164.



This preview shows how white text looks on a background with the XYZ color 36.0265, 31.3841,

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

36.0265, 31.3841, 44.7164

Protanopia

31.2909, 31.5719, 49.2445

Deuteranopia

32.0374, 31.3650, 43.9007



Tritanopia

34.0153, 31.4430, 34.8482

Trichromacy



Original Color

36.0265, 31.3841, 44.7164

Protanomaly

32.7725, 31.4318, 47.5197

Deuteranomaly

33.4913, 31.4138, 44.3427

Tritanomaly

34.7850, 31.5383, 38.4366

Monochromacy



Original Color

36.0265, 31.3841, 44.7164

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.0343, 32.4564, 39.1739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0265, 31.3841, 44.7164 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(181, 139, 175)` looks like.

```
.text, #text, p{  
    color:rgb(181, 139, 175)  
}
```

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(181, 139, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 139, 175) }
```

Border

The CSS property to change the border of an element to XYZ 36.0265, 31.3841, 44.7164 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(181, 139, 175) }
```


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

```
.border{ border-color:rgb(181, 139, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 139, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 139, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 139, 175);  
box-shadow:4px 4px 4px 4px rgb(181, 139,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0265, 31.3841, 44.7164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 139, 175) }
```

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

```
.background{ background-color: rgb(181,  
139, 175) }
```

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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