

Converting Colors

XYZ(43.5292, 36.9373, 65.2219)

Have a look what the booklet for
XYZ(43.5292, 36.9373, 65.2219)
contains.

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Color

**XYZ(43.3337, 36.7304,
65.1273)**

Conversions

Conversions Part 1

Format	Color
Hex	BE94D1
RGB	190, 148, 209
RGB Percent	75%, 58%, 82%
CMY	0.2549, 0.4196, 0.1804
CMYK	0.09, 0.29, 0.00, 0.18
HSL	281°, 40%, 70%
HSV	281°, 29%, 82%
XYZ	43.3337, 36.7304, 65.1273
YIQ	167.5120, 5.4510, 27.8750

Conversions

Conversions Part 2

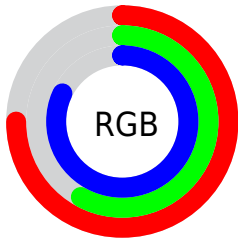
Format	Color
RYB	190, 148, 209
Decimal	12489937
CIELab	67.07, 26.75, -25.28
CIELCh	67, 36.805, 316.616
Yxy	36.7304, 0.2985, 0.2530
Android (android.graphics.Color)	4290680017 (0xFFBE94D1)
YUV	167.5120, 20.4536, 19.7220
Hunter-Lab	60.6056, 21.5697, -21.2896

Details

The XYZ color **43.3337, 36.7304, 65.1273** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.0833, 55.9554, 36.4957**, and the grayscale version is **36.8827, 38.8035, 42.2570**.

A 20% lighter version of the original color is **77.5283, 69.2352, 103.8853**, and **20.2608, 16.1167, 32.6148** is the 20% darker color. If you saturate the color by 10%, you get **38.7571, 29.9368, 64.0578**, and if you desaturate by 10%, it is **48.5771, 44.7483, 66.3991**.

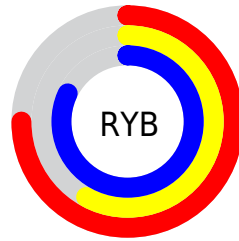
Distribution



Red (75%)

Green (58%)

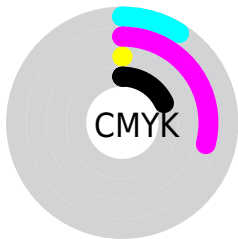
Blue (82%)



Red (75%)

Yellow (58%)

Blue (82%)

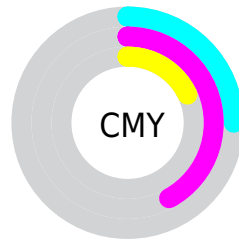


Cyan (9%)

Magenta (29%)

Yellow (0%)

Black (18%)



Cyan (25%)


Magenta (42%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3337, 36.7304, 65.1273 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 43.3337, 36.7304, 65.1273 by changing the saturation by 10% instead.


 43.3337, 36.7304,
65.1273


 43.3337, 36.7304,
65.1273


350.8806,
332.1418, 461.5680

 30.3427, 24.9988,
47.1123


 79.4668, 70.1579,
113.8479

 20.2482, 16.0762,
32.7695


 103.3395, 92.6227,
145.3906

 12.6849, 9.5781,
21.6802

131.5702,
119.4340, 182.2795

 7.2874, 5.1201,
13.4261

164.5243,
150.9761, 224.9334

 3.6904, 2.3179,
7.5884

202.5670,
187.6336, 273.7706

 1.5285, 0.7832,
3.7488

246.0637,

 0.3451, 0.0000,

229.7908, 329.2098

1.4886

295.3798,
277.8321, 391.6694

■ 0.0000, 0.0000,
0.2094

■ 0.0000, 0.0000,
0.0000

■ 43.3337, 36.7304,
65.1273

■ 43.3337, 36.7304,
65.1273

■ 38.7571, 29.9368,
64.0578

■ 48.5771, 44.7483,
66.3991

■ 34.8111, 24.2986,
63.1775

■ 54.5143, 54.0452,
67.8807

■ 31.4610, 19.7472,
62.4755

■ 61.1747, 64.6782,
69.5820

■ 28.6669, 16.2044,
61.9390

■ 68.5852, 76.6995,
71.5118

■ 26.3840, 13.5817,
61.5531

■ 76.7711, 90.1584,
73.6782

■ 24.5590, 11.7744,
61.3004

■ 79.6014, 92.7916,
74.0373

■ 23.1044, 10.6087,
61.1521

■ 81.7186, 93.8830,
74.1363

■ 22.9931, 10.5239,
61.1416

■ 83.9145, 95.0151,
74.2391

■ 86.1900, 96.1882,
74.3456

Harmonies

Analogous

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



38.0808, 36.7304, 77.4070



43.3337, 36.7304, 65.1273



46.4658, 36.7304, 47.5624

Triad

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



43.3337, 36.7304, 65.1273



37.4627, 36.7304, 16.8734



25.5784, 36.7304, 49.4729

Complementary

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



43.3337, 36.7304, 65.1273



44.0833, 55.9554, 36.4957

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.



25.4509, 36.7304, 33.2729



43.3337, 36.7304, 65.1273



31.9224, 36.7304, 17.1279

Square

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



43.3337, 36.7304, 65.1273



42.8397, 36.7304, 21.5109



27.6574, 36.7304, 22.3344



28.0267, 36.7304, 66.8441

Rectangle

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



43.3337, 36.7304, 65.1273



46.7333, 36.7304, 36.5452



27.6574, 36.7304, 22.3344



25.2725, 36.7304, 43.6515

Sweetspot

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



43.3349, 36.7320, 65.1281



85.5795, 84.8907, 106.4828



37.5996, 38.6545, 65.8015



18.0089, 17.6826, 22.7139



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.



43.3349, 36.7320, 65.1281



63.3826, 50.7651, 101.0658



47.0573, 38.8054, 58.3261



11.9376, 11.8167, 14.8953



14.2821, 6.5430, 37.7027



0.8782, 0.4069, 2.1118

Inverse Universe

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



43.8606, 37.5267, 41.4925



64.5179, 52.3165, 57.4717



41.2884, 54.4073, 41.2115



11.9582, 11.8680, 13.0559



16.8418, 8.6096, 4.0730



0.9773, 0.4956, 0.4151

Previews

White Background



This preview shows how the XYZ color 43.3337, 36.7304, 65.1273 looks on a white background.

Color Contrast Check

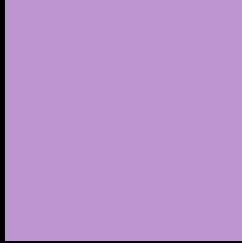
Large Text (above 18pt) WCAG AA × Fail

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 43.3337, 36.7304, 65.1273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

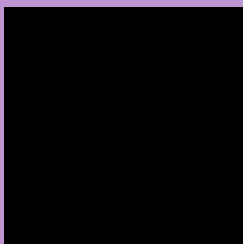
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3337, 36.7304, 65.1273

Background



This preview shows how black text looks on a background with the XYZ color 43.3337, 36.7304, 65.1273.



This preview shows how white text looks on a background with the XYZ color 43.3337, 36.7304,

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

43.3337, 36.7304, 65.1273

Protanopia

37.5637, 36.8073, 72.1425

Deuteranopia

37.7379, 36.8147, 64.1484



Tritanopia

38.7235, 36.7944, 42.1069

Trichromacy



Original Color

43.3337, 36.7304, 65.1273

Protanomaly

39.2585, 36.4698, 69.2602

Deuteranomaly

39.6358, 36.7660, 64.6820

Tritanomaly

40.1882, 36.6405, 49.7539

Monochromacy



Original Color

43.3337, 36.7304, 65.1273

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.1966, 38.1387, 50.0954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3337, 36.7304, 65.1273 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(190, 148, 209)` looks like.

```
.text, #text, p{  
    color:rgb(190, 148, 209)  
}
```

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(190, 148, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 148, 209) }
```

Border

The CSS property to change the border of an element to XYZ 43.3337, 36.7304, 65.1273 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(190, 148, 209) }
```


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

```
.border{ border-color:rgb(190, 148, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 148, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 148, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 148, 209);  
box-shadow:4px 4px 4px 4px rgb(190, 148,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3337, 36.7304, 65.1273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 148, 209) }
```

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

```
.background{ background-color: rgb(190,  
148, 209) }
```

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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