

Converting Colors

XYZ(36.7437, 33.8174, 47.5808)

Have a look what the booklet for
XYZ(36.7437, 33.8174, 47.5808)
contains.

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Color

**XYZ(36.7326, 33.7052,
47.7498)**

Conversions

Conversions Part 1

Format	Color
Hex	B094B4
RGB	176, 148, 180
RGB Percent	69%, 58%, 71%
CMY	0.3098, 0.4196, 0.2941
CMYK	0.02, 0.18, 0.00, 0.29
HSL	292°, 18%, 64%
HSV	292°, 18%, 71%
XYZ	36.7326, 33.7052, 47.7498
YIQ	160.0200, 6.4160, 15.8880

Conversions

Conversions Part 2

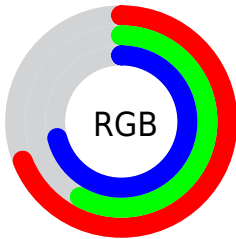
Format	Color
R_{YB}	176, 148, 180
Decimal	11572404
CIE _{Lab}	64.73, 16.24, -12.76
CIE _{LCh}	65, 20.652, 321.827
Yxy	33.7052, 0.3108, 0.2852
Android (android.graphics.Color)	4289762484 (0xFFB094B4)
YUV	160.0200, 9.8501, 14.0145
Hunter-Lab	58.0562, 11.3400, -8.1253

Details

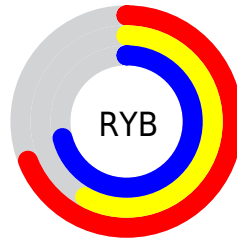
The XYZ color **36.7326, 33.7052, 47.7498** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.6167, 41.4570, 34.1962**, and the grayscale version is **33.3776, 35.1159, 38.2412**.

A 20% lighter version of the original color is **69.5396, 65.4530, 88.3254**, and **16.2738, 14.2926, 21.9797** is the 20% darker color. If you saturate the color by 10%, you get **33.6216, 28.2317, 46.8578**, and if you desaturate by 10%, it is **40.2931, 40.0640, 48.7900**.

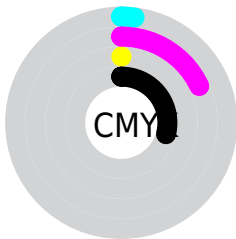
Distribution



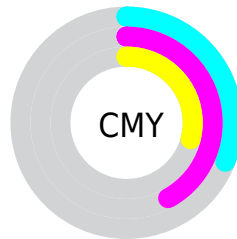
- Red (69%)
- Green (58%)
- Blue (71%)



- Red (69%)
- Yellow (58%)
- Blue (71%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)





- Cyan (31%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7326, 33.7052, 47.7498 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 36.7326, 33.7052, 47.7498 by changing the saturation by 10% instead.


 36.7326, 33.7052,
47.7498

 36.7326, 33.7052,
47.7498

323.5270,
318.8155, 394.2796

 25.1732, 22.6672,
33.2702


 69.4778, 65.4750,
88.1934

 16.3356, 14.3480,
22.0607


 91.3944, 86.9755,
114.9946

 9.8543, 8.3631,
13.7028


117.4941,
112.7324, 146.7399

 5.3640, 4.3281,
7.7779

148.1423,
143.1301, 183.8481

 2.4993, 1.8588,
3.8674

183.7044,
178.5528, 226.7376

 0.8949, 0.5234,
1.5529

224.5456,

 0.0000, 0.0000,

219.3850, 275.8270

0.2569

271.0314,
266.0111, 331.5348

■ 0.0000, 0.0000,
0.0000

■ 36.7326, 33.7052,
47.7498

■ 36.7326, 33.7052,
47.7498

■ 33.6216, 28.2317,
46.8578

■ 40.2931, 40.0640,
48.7900

■ 30.9368, 23.5988,
46.1050

■ 44.3191, 47.3417,
49.9826

■ 28.6574, 19.7642,
45.4850

■ 48.8293, 55.5753,
51.3341

■ 26.7595, 16.6803,
44.9898

■ 53.8407, 64.7986,
52.8502

■ 25.2167, 14.2944,
44.6106

■ 59.3694, 75.0437,
54.5363

■ 23.9993, 12.5470,
44.3375

■ 65.1094, 85.6985,
56.2904

■ 23.0725, 11.3686,
44.1589

■ 65.6739, 85.9895,
56.3168

■ 22.3823, 10.6513,
44.0568

■ 66.2471, 86.2850,
56.3436

■ 22.2406, 10.5138,
44.0377

■ 66.8291, 86.5850,
56.3709

Harmonies

Analogous

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



34.2038, 33.7052, 54.0491



36.7326, 33.7052, 47.7498



38.0202, 33.7052, 39.0709

Triad

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



36.7326, 33.7052, 47.7498



32.8535, 33.7052, 22.7876



27.0270, 33.7052, 43.1145

Complementary

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



36.7326, 33.7052, 47.7498



34.6167, 41.4570, 34.1962

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.



26.7148, 33.7052, 34.4255



36.7326, 33.7052, 47.7498



29.9614, 33.7052, 23.5271

Square

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



36.7326, 33.7052, 47.7498



35.6920, 33.7052, 25.2963



27.7574, 33.7052, 27.5004



28.6381, 33.7052, 51.0984

Rectangle

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



36.7326, 33.7052, 47.7498



37.9494, 33.7052, 33.4517



27.7574, 33.7052, 27.5004



26.7708, 33.7052, 40.1504

Sweetspot

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



36.7336, 33.7067, 47.7505



74.9385, 76.0271, 89.0196



31.7240, 32.1359, 47.7114



16.0912, 16.2418, 19.2091



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.



36.7336, 33.7067, 47.7505



64.4917, 57.3792, 85.9708



36.5061, 33.7217, 41.7621



8.7434, 8.5918, 10.7039



15.5612, 7.3579, 30.7370



0.5187, 0.2465, 0.9685

Inverse Universe

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



35.0810, 33.1516, 34.2574



61.0062, 56.2153, 57.2102



34.8571, 41.4681, 39.3039



8.5382, 8.5220, 9.0664



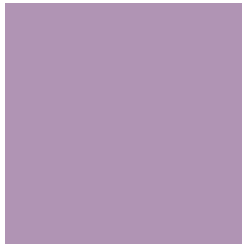
13.2555, 6.8198, 1.2395



0.4308, 0.2201, 0.1113

Previews

White Background



This preview shows how the XYZ color 36.7326, 33.7052, 47.7498 looks on a white background.

Color Contrast Check

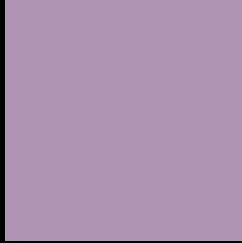
Large Text (above 18pt) WCAG AA × Fail

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 36.7326, 33.7052, 47.7498 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 36.7326, 33.7052, 47.7498

Background



This preview shows how black text looks on a background with the XYZ color 36.7326, 33.7052, 47.7498.



This preview shows how white text looks on a background with the XYZ color 36.7326, 33.7052,

47.7498.

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

36.7326, 33.7052, 47.7498

Protanopia

33.4079, 33.8590, 50.6736

Deuteranopia

34.4282, 33.7185, 47.3416



Tritanopia

34.9110, 33.6618, 39.3077

Trichromacy



Original Color

36.7326, 33.7052, 47.7498

Protanomaly

34.4357, 33.6749, 49.4847

Deuteranomaly

35.1396, 33.6034, 47.2819

Tritanomaly

35.5233, 33.6759, 42.1639

Monochromacy



Original Color

36.7326, 33.7052, 47.7498

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.5894, 34.6739, 41.4289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7326, 33.7052, 47.7498 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(176, 148, 180)` looks like.

```
.text, #text, p{  
    color:rgb(176, 148, 180)  
}
```

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(176, 148, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 148, 180) }
```

Border

The CSS property to change the border of an element to XYZ 36.7326, 33.7052, 47.7498 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(176, 148, 180) }
```


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

```
.border{ border-color:rgb(176, 148, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 148, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 148, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 148, 180); box-shadow:4px 4px 4px 4px rgb(176, 148, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7326, 33.7052, 47.7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 148, 180) }
```

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

```
.background{ background-color: rgb(176,  
148, 180) }
```

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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