

Converting Colors

XYZ(33.3664, 28.6997, 37.7360)

Have a look what the booklet for
XYZ(33.3664, 28.6997, 37.7360)
contains.

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Color

**XYZ(33.3633, 28.6949,
37.9626)**

Conversions

Conversions Part 1

Format	Color
Hex	B384A2
RGB	179, 132, 162
RGB Percent	70%, 52%, 64%
CMY	0.2980, 0.4823, 0.3647
CMYK	0.00, 0.26, 0.09, 0.30
HSL	322°, 24%, 61%
HSV	322°, 26%, 70%
XYZ	33.3633, 28.6949, 37.9626
YIQ	149.4730, 18.3820, 19.2940

Conversions

Conversions Part 2

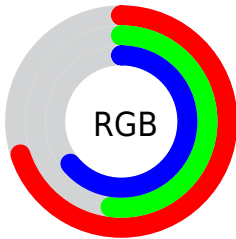
Format	Color
R_{YB}	179, 132, 162
Decimal	11764898
CIE _{Lab}	60.51, 22.92, -8.85
CIE _{LCh}	61, 24.565, 338.886
Yxy	28.6949, 0.3336, 0.2869
Android (android.graphics.Color)	4289954978 (0xFFB384A2)
YUV	149.4730, 6.1758, 25.8952
Hunter-Lab	53.5676, 17.4311, -4.5206

Details

The XYZ color **33.3633, 28.6949, 37.9626** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.0619, 39.3166, 34.3874**, and the grayscale version is **28.7364, 30.2330, 32.9237**.

A 20% lighter version of the original color is **64.1343, 57.3698, 73.3389**, and **14.4360, 11.5960, 16.2292** is the 20% darker color. If you saturate the color by 10%, you get **30.5804, 24.0262, 34.2681**, and if you desaturate by 10%, it is **36.5940, 34.2109, 41.9533**.

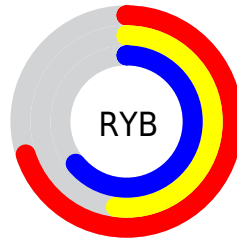
Distribution



Red (70%)

Green (52%)

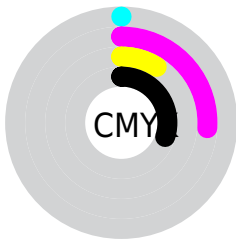
Blue (64%)



Red (70%)

Yellow (52%)

Blue (64%)

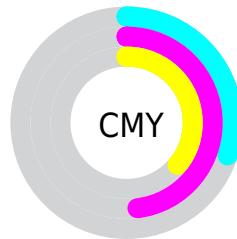


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (30%)



Cyan (30%)


Magenta (48%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.3633, 28.6949, 37.9626 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 33.3633, 28.6949, 37.9626 by changing the saturation by 10% instead.


 33.3633, 28.6949,
37.9626


 33.3633, 28.6949,
37.9626


308.9197,
295.7727, 352.7529


 22.5655, 18.8501,
25.6521


 64.2932, 57.5920,
73.2536

 14.3919, 11.5620,
16.3401

 85.1560, 77.4131,
97.0711

 8.4773, 6.4462,
9.6082


 110.1045,
101.3285, 125.5614

 4.4562, 3.1183,
5.0378

139.5040,
129.7225, 159.1430

 1.9633, 1.1938,
2.2103

173.7199,
162.9795, 198.2344

 0.6132, 0.0566,
0.6803

213.1176,

 0.0000, 0.0000,

201.4839, 243.2541

0.0000

258.0624,
245.6202, 294.6208

■ 33.3633, 28.6949,
37.9626

■ 33.3633, 28.6949,
37.9626

■ 30.5804, 24.0262,
34.2681

■ 36.5940, 34.2109,
41.9533

■ 28.2210, 20.1584,
30.8585

■ 40.2903, 40.6102,
46.2472

■ 26.2625, 17.0462,
27.7244

■ 44.4717, 47.9310,
50.8533

■ 24.6788, 14.6385,
24.8548

■ 49.1561, 56.2085,
55.7795

■ 23.4407, 12.8774,
22.2376

■ 54.3605, 65.4757,
61.0336

■ 22.5144, 11.6961,
19.8592

■ 60.1009, 75.7642,
66.6229

■ 21.8552, 11.0061,
17.7022

■ 65.6531, 85.6248,
72.3078

■ 21.6422, 10.8044,
16.9392

■ 66.4629, 85.9487,
76.5721

■ 67.3056, 86.2858,
81.0096

Harmonies

Analogous

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



31.2814, 28.6949, 46.8949



33.3633, 28.6949, 37.9626



33.7491, 28.6949, 28.6245

Triad

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



33.3633, 28.6949, 37.9626



26.3430, 28.6949, 16.9771



22.7994, 28.6949, 43.5322

Complementary

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



33.3633, 28.6949, 37.9626



31.0619, 39.3166, 34.3874

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.



21.6845, 28.6949, 34.0184



33.3633, 28.6949, 37.9626



23.6237, 28.6949, 19.5316

Square

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



33.3633, 28.6949, 37.9626



29.5285, 28.6949, 17.6260



21.9741, 28.6949, 25.3687



25.1366, 28.6949, 50.5189

Rectangle

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



33.3633, 28.6949, 37.9626



32.9656, 28.6949, 23.5479



21.9741, 28.6949, 25.3687



22.2778, 28.6949, 40.4568

Sweetspot

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



33.3641, 28.6962, 37.9632



70.8480, 70.4521, 81.3384



28.6835, 26.0967, 46.1737



15.4702, 15.2159, 17.7612



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.



33.3641, 28.6962, 37.9632



56.5290, 45.9646, 63.7700



31.5066, 27.9532, 28.1816



8.7170, 8.5935, 10.0079



15.3252, 7.6476, 12.1384



0.5089, 0.2513, 0.5228

Inverse Universe

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



33.3641, 28.6962, 37.9632



56.5290, 45.9646, 63.7700



33.0784, 40.1232, 45.0065



8.7170, 8.5935, 10.0079



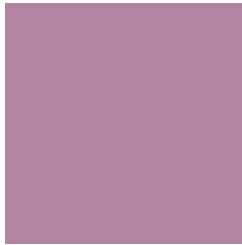
15.3252, 7.6476, 12.1384



0.5089, 0.2513, 0.5228

Previews

White Background



This preview shows how the XYZ color 33.3633, 28.6949, 37.9626 looks on a white background.

Color Contrast Check

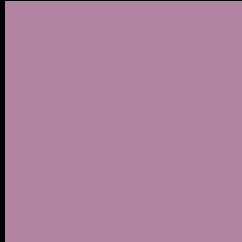
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.3633, 28.6949, 37.9626 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 33.3633, 28.6949, 37.9626

Background



This preview shows how black text looks on a background with the XYZ color 33.3633, 28.6949, 37.9626.



This preview shows how white text looks on a background with the XYZ color 33.3633, 28.6949,

37.9626.

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

33.3633, 28.6949, 37.9626

Protanopia

28.3656, 28.8158, 42.0972

Deuteranopia

29.3446, 28.7541, 37.2612



Tritanopia

31.9063, 28.7194, 30.6498

Trichromacy



Original Color

33.3633, 28.6949, 37.9626

Protanomaly

29.8707, 28.5147, 40.4888

Deuteranomaly

30.6258, 28.5367, 37.6122

Tritanomaly

32.4711, 28.7495, 33.1160

Monochromacy



Original Color

33.3633, 28.6949, 37.9626

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.1524, 29.4516, 34.6674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3633, 28.6949, 37.9626 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(179, 132, 162)` looks like.

```
.text, #text, p{  
    color:rgb(179, 132, 162)  
}
```

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(179, 132, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 132, 162) }
```

Border

The CSS property to change the border of an element to XYZ 33.3633, 28.6949, 37.9626 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(179, 132, 162) }
```


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

```
.border{ border-color:rgb(179, 132, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 132, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 132, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 132, 162);  
box-shadow:4px 4px 4px 4px rgb(179, 132,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3633, 28.6949, 37.9626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 132, 162) }
```

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

```
.background{ background-color: rgb(179,  
132, 162) }
```

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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