

Converting Colors

XYZ(43.9802, 37.0033, 63.1665)

Have a look what the booklet for
XYZ(43.9802, 37.0033, 63.1665)
contains.

XYZ(43.9786, 37.1054, 63.2366)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.9786, 37.1054,
63.2366)**

Conversions

Conversions Part 1

Format	Color
Hex	C294CE
RGB	194, 148, 206
RGB Percent	76%, 58%, 81%
CMY	0.2392, 0.4196, 0.1922
CMYK	0.06, 0.28, 0.00, 0.19
HSL	288°, 37%, 69%
HSV	288°, 28%, 81%
XYZ	43.9786, 37.1054, 63.2366
YIQ	168.3660, 8.7980, 27.7900

Conversions

Conversions Part 2

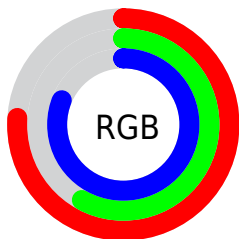
Format	Color
RYB	194, 148, 206
Decimal	12752078
CIELab	67.36, 27.43, -23.15
CIELCh	67, 35.895, 319.843
Yxy	37.1054, 0.3047, 0.2571
Android (android.graphics.Color)	4290942158 (0xFFC294CE)
YUV	168.3660, 18.5536, 22.4810
Hunter-Lab	60.9142, 22.2729, -18.9105

Details

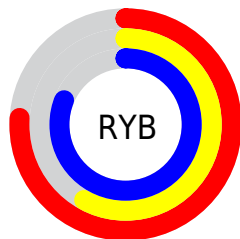
The XYZ color **43.9786, 37.1054, 63.2366** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.9151, 53.7552, 36.1854**, and the grayscale version is **37.3089, 39.2519, 42.7453**.

A 20% lighter version of the original color is **78.9542, 69.9703, 103.9520**, and **20.7574, 16.3918, 31.7757** is the 20% darker color. If you saturate the color by 10%, you get **39.9525, 30.6533, 62.2040**, and if you desaturate by 10%, it is **48.6134, 44.7269, 64.4640**.

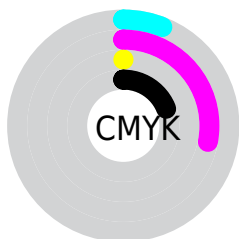
Distribution



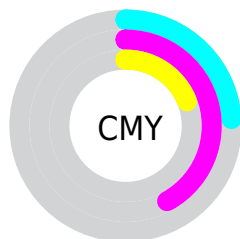
- Red (76%)
- Green (58%)
- Blue (81%)



- Red (76%)
- Yellow (58%)
- Blue (81%)



- Cyan (6%)
- Magenta (28%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9786, 37.1054, 63.2366 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 43.9786, 37.1054, 63.2366 by changing the saturation by 10% instead.

43.9786, 37.1054,
63.2366

43.9786, 37.1054,
63.2366

353.4746,
333.7666, 454.5592

30.8515, 25.2891,
45.5904

80.4321, 70.7349,
111.0997

20.6371, 16.2926,
31.5764

104.4892, 93.3168,
142.1536

12.9699, 9.7314,
20.7760

132.9204,
120.2561, 178.5139

7.4847, 5.2213,
12.7707

166.0910,
151.9372, 220.5990

3.8160, 2.3777,
7.1420

204.3664,
188.7443, 268.8276

1.5986, 0.8144,
3.4713

248.1118,

0.3915, 0.0000,

231.0620, 323.6181

1.3400

297.6928,
279.2747, 385.3892

■ 0.0000, 0.0000,
0.0943

■ 0.0000, 0.0000,
0.0000

■ 43.9786, 37.1054,
63.2366

■ 43.9786, 37.1054,
63.2366

■ 39.9525, 30.6533,
62.2040

■ 48.6134, 44.7269,
64.4640

■ 36.5009, 25.3046,
61.3535

■ 53.8819, 53.5696,
65.8931

■ 33.5913, 20.9943,
60.6749

■ 59.8119, 63.6879,
67.5336

■ 31.1866, 17.6482,
60.1558

■ 66.4285, 75.1317,
69.3937

■ 29.2445, 15.1824,
59.7822

■ 73.7554, 87.9480,
71.4814

■ 27.7156, 13.4983,
59.5377

■ 76.2871, 91.1255,
71.9613

■ 26.5262, 12.4491,
59.3979

■ 77.5904, 91.7974,
72.0222

■ 26.3228, 12.2829,
59.3765

■ 78.9268, 92.4863,
72.0848

■ 80.2965, 93.1925,
72.1489

Harmonies

Analogous

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



38.9786, 37.1054, 76.0895



43.9786, 37.1054, 63.2366



46.7287, 37.1054, 45.9785

Triad

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



43.9786, 37.1054, 63.2366



37.1646, 37.1054, 17.3292



26.2301, 37.1054, 51.5728

Complementary

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



43.9786, 37.1054, 63.2366



41.9151, 53.7552, 36.1854

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.



25.8527, 37.1054, 35.2947



43.9786, 37.1054, 63.2366



31.7999, 37.1054, 18.0925

Square

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



43.9786, 37.1054, 63.2366



42.5327, 37.1054, 21.4006



27.7902, 37.1054, 23.8550



28.8808, 37.1054, 68.2351

Rectangle

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



43.9786, 37.1054, 63.2366



46.7409, 37.1054, 35.4444



27.7902, 37.1054, 23.8550



25.8446, 37.1054, 45.8005

Sweetspot

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



43.9798, 37.1070, 63.2374



87.3481, 86.8761, 106.7728



36.0241, 36.0924, 63.4609



18.4030, 18.0995, 22.7736



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.



43.9798, 37.1070, 63.2374



67.0538, 53.3514, 101.3715



45.2916, 38.0020, 53.4163



11.4514, 11.2820, 14.1445



16.2910, 7.6058, 36.5657



0.8992, 0.4227, 1.8891

Inverse Universe

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



42.3899, 36.8413, 38.1363



64.1863, 52.9315, 53.4210



41.0254, 53.1355, 43.4230



11.3057, 11.2510, 12.1444



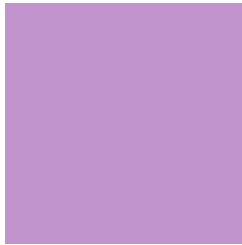
15.9665, 8.1972, 2.2763



0.8519, 0.4342, 0.2662

Previews

White Background



This preview shows how the XYZ color 43.9786, 37.1054, 63.2366 looks on a white background.

Color Contrast Check

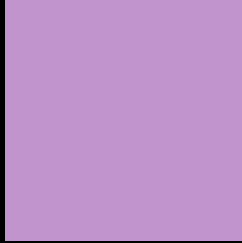
Large Text (above 18pt) WCAG AA × Fail

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 43.9786, 37.1054, 63.2366 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 43.9786, 37.1054, 63.2366

Background



This preview shows how black text looks on a background with the XYZ color 43.9786, 37.1054, 63.2366.



This preview shows how white text looks on a background with the XYZ color 43.9786, 37.1054,

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

43.9786, 37.1054, 63.2366

Protanopia

37.8927, 37.2826, 70.1648

Deuteranopia

38.1412, 37.3230, 62.3205



Tritanopia

39.4354, 36.9241, 41.6078

Trichromacy



Original Color

43.9786, 37.1054, 63.2366

Protanomaly

39.6665, 36.9744, 67.3335

Deuteranomaly

39.9212, 36.9554, 62.7866

Tritanomaly

40.8039, 36.7398, 48.6570

Monochromacy



Original Color

43.9786, 37.1054, 63.2366

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.3198, 38.2142, 49.5597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9786, 37.1054, 63.2366 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(194, 148, 206)` looks like.

```
.text, #text, p{  
    color:rgb(194, 148, 206)  
}
```

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(194, 148, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 148, 206) }
```

Border

The CSS property to change the border of an element to XYZ 43.9786, 37.1054, 63.2366 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(194, 148, 206) }
```


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

```
.border{ border-color:rgb(194, 148, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 148, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 148, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 148, 206);  
box-shadow:4px 4px 4px 4px rgb(194, 148,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9786, 37.1054, 63.2366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 148, 206) }
```

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

```
.background{ background-color: rgb(194,  
148, 206) }
```

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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