

Converting Colors

XYZ(37.6594, 29.7742, 44.5729)

Have a look what the booklet for
XYZ(37.6594, 29.7742, 44.5729)
contains.

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Color

**XYZ(37.5754, 29.7432,
44.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	C27FAF
RGB	194, 127, 175
RGB Percent	76%, 50%, 69%
CMY	0.2392, 0.5019, 0.3137
CMYK	0.00, 0.35, 0.10, 0.24
HSL	317°, 35%, 63%
HSV	317°, 35%, 76%
XYZ	37.5754, 29.7432, 44.3180
YIQ	152.5050, 24.5240, 29.1320

Conversions

Conversions Part 2

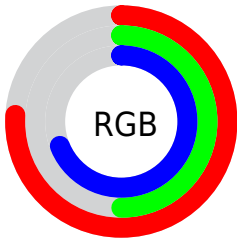
Format	Color
RYB	194, 127, 175
Decimal	12746671
CIELab	61.43, 33.21, -14.72
CIELCh	61, 36.321, 336.100
Yxy	29.7432, 0.3366, 0.2664
Android (android.graphics.Color)	4290936751 (0xFFC27FAF)
YUV	152.5050, 11.0900, 36.3911
Hunter-Lab	54.5373, 27.5435, -10.0040

Details

The XYZ color **37.5754, 29.7432, 44.3180** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.2338, 45.1719, 34.1635**, and the grayscale version is **30.0101, 31.5730, 34.3830**.

A 20% lighter version of the original color is **70.7313, 59.3265, 83.3245**, and **16.7448, 12.0630, 19.8582** is the 20% darker color. If you saturate the color by 10%, you get **34.7777, 24.9947, 40.7736**, and if you desaturate by 10%, it is **40.8793, 35.4680, 48.1404**.

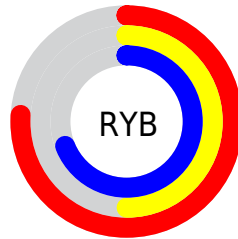
Distribution



Red (76%)

Green (50%)

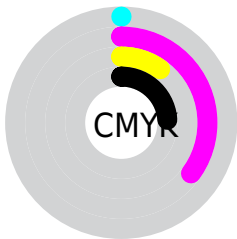
Blue (69%)



Red (76%)

Yellow (50%)

Blue (69%)

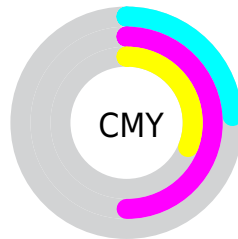


Cyan (0%)

Magenta (35%)

Yellow (10%)

Black (24%)



Cyan (24%)


Magenta (50%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5754, 29.7432, 44.3180 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 37.5754, 29.7432, 44.3180 by changing the saturation by 10% instead.


 37.5754, 29.7432,
44.3180


 37.5754, 29.7432,
44.3180

327.1075,
300.7056, 380.0836


 25.8290, 19.6438,
30.5816

 70.7650, 59.2558,
83.0036

 16.8278, 12.1364,
20.0246

 92.9389, 79.4378,
108.7899

 10.2063, 6.8366,
12.2287


 119.3193,
103.7494, 139.4298

 5.5993, 3.3601,
6.7752

150.2717,
132.5750, 175.3420

 2.6413, 1.3225,
3.2456

186.1614,
166.2990, 216.9449

 0.9671, 0.1585,
1.2214

227.3536,

 0.0000, 0.0000,

205.3059, 264.6571

0.0000

274.2139,
249.9800, 318.8972

■ 37.5754, 29.7432,
44.3180

■ 37.5754, 29.7432,
44.3180

■ 34.7777, 24.9947,
40.7736

■ 40.8793, 35.4680,
48.1404

■ 32.4555, 21.1627,
37.4947

■ 44.7126, 42.2163,
52.2489

■ 30.5788, 18.1874,
34.4705

■ 49.1001, 50.0371,
56.6532

■ 29.1129, 15.9997,
31.6879

■ 54.0643, 58.9749,
61.3622

■ 28.0179, 14.5203,
29.1323

■ 59.6266, 69.0720,
66.3840

■ 27.2453, 13.6525,
26.7862

■ 65.8071, 80.3681,
71.7265

■ 26.9073, 13.3330,
25.5746

■ 70.0840, 87.8197,
76.5505

■ 70.7967, 88.1048,
80.3034

■ 71.5333, 88.3994,
84.1824

Harmonies

Analogous

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



34.0640, 29.7432, 58.7812



37.5754, 29.7432, 44.3180



38.4760, 29.7432, 29.6570

Triad

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



37.5754, 29.7432, 44.3180



27.3006, 29.7432, 12.5715



21.4492, 29.7432, 50.5889

Complementary

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



37.5754, 29.7432, 44.3180



33.2338, 45.1719, 34.1635

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.



20.0501, 29.7432, 35.2760



37.5754, 29.7432, 44.3180



23.1733, 29.7432, 15.3789

Square

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



37.5754, 29.7432, 44.3180



32.1766, 29.7432, 13.7319



20.6437, 29.7432, 22.8134



24.6932, 29.7432, 63.0603

Rectangle

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



37.5754, 29.7432, 44.3180



37.3947, 29.7432, 22.0930



20.6437, 29.7432, 22.8134



20.7653, 29.7432, 45.4612

Sweetspot

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



37.5763, 29.7446, 44.3186



84.3591, 82.4403, 98.0853



29.1794, 25.1848, 54.3628



18.2286, 17.6171, 21.2314



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.



37.5763, 29.7446, 44.3186



64.3791, 47.5901, 75.6726



34.6849, 28.5880, 29.0927



10.3715, 10.1972, 12.0471



17.7272, 8.7806, 17.0071



0.7943, 0.3907, 0.8841

Inverse Universe

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



37.5763, 29.7446, 44.3186



64.3791, 47.5901, 75.6726



36.2309, 46.3708, 49.9464



10.3715, 10.1972, 12.0471



17.7272, 8.7806, 17.0071



0.7943, 0.3907, 0.8841

Previews

White Background



This preview shows how the XYZ color 37.5754, 29.7432, 44.3180 looks on a white background.

Color Contrast Check

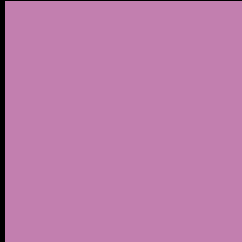
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5754, 29.7432, 44.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

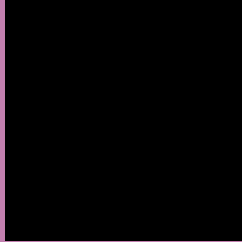
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.5754, 29.7432, 44.3180

Background



This preview shows how black text looks on a background with the XYZ color 37.5754, 29.7432, 44.3180.



This preview shows how white text looks on a background with the XYZ color 37.5754, 29.7432,

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

37.5754, 29.7432, 44.3180

Protanopia

30.1003, 29.9448, 52.3376

Deuteranopia

30.5207, 29.9048, 43.1933



Tritanopia

34.5807, 29.7054, 29.8977

Trichromacy



Original Color

37.5754, 29.7432, 44.3180

Protanomaly

32.1304, 29.4860, 49.3453

Deuteranomaly

32.5677, 29.4096, 43.4953

Tritanomaly

35.5186, 29.6755, 34.8663

Monochromacy



Original Color

37.5754, 29.7432, 44.3180

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.5547, 30.8446, 37.9560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5754, 29.7432, 44.3180 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, 127, 175)` looks like.

```
.text, #text, p{  
    color:rgb(194, 127, 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(194, 127, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 127, 175) }
```

Border

The CSS property to change the border of an element to XYZ 37.5754, 29.7432, 44.3180 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, 127, 175) }
```


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

```
.border{ border-color:rgb(194, 127, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 127, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 127, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 127, 175);  
box-shadow:4px 4px 4px 4px rgb(194, 127,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5754, 29.7432, 44.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 127, 175) }
```

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

```
.background{ background-color: rgb(194,  
127, 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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