

Converting Colors

XYZ(47.2755, 36.6320, 46.1219)

Have a look what the booklet for
XYZ(47.2755, 36.6320, 46.1219)
contains.

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Color

**XYZ(47.3129, 36.7536,
46.1955)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DF89B1 |
| RGB | 223, 137, 177 |
| RGB Percent | 87%, 54%, 69% |
| CMY | 0.1255, 0.4627, 0.3059 |
| CMYK | 0.00, 0.39, 0.21, 0.13 |
| HSL | 332°, 57%, 71% |
| HSV | 332°, 39%, 87% |
| XYZ | 47.3129, 36.7536, 46.1955 |
| YIQ | 167.2740, 38.4160, 30.6720 |

Conversions

Conversions Part 2

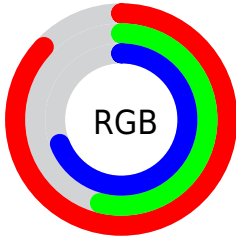
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 223, 137, 177 |
| Decimal | 14649777 |
| CIE Lab | 67.09, 38.11, -7.02 |
| CIE LCh | 67, 38.750, 349.561 |
| Yxy | 36.7536, 0.3632, 0.2822 |
| Android (android.graphics.Color) | 4292839857 (0xFFDF89B1) |
| YUV | 167.2740, 4.7949, 48.8717 |
| Hunter-Lab | 60.6247, 33.2121, -2.7411 |

Details

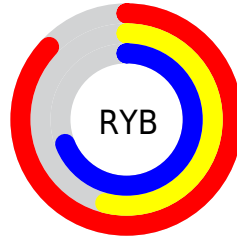
The XYZ color **47.3129, 36.7536, 46.1955** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.2531, 61.5136, 54.2908**, and the grayscale version is **36.8293, 38.7473, 42.1958**.

A 20% lighter version of the original color is **74.7976, 64.8425, 85.6644**, and **22.6125, 16.0592, 20.9767** is the 20% darker color. If you saturate the color by 10%, you get **43.3269, 30.6017, 39.2550**, and if you desaturate by 10%, it is **52.0600, 44.2607, 53.9033**.

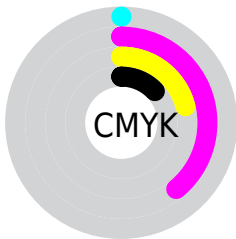
Distribution



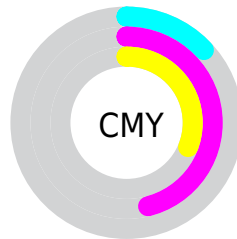
- Red (87%)
- Green (54%)
- Blue (69%)



- Red (87%)
- Yellow (54%)
- Blue (69%)



- Cyan (0%)
- Magenta (39%)
- Yellow (21%)
- Black (13%)





- Cyan (13%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3129, 36.7536, 46.1955 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 47.3129, 36.7536, 46.1955 by changing the saturation by 10% instead.


 47.3129, 36.7536,
46.1955

 47.3129, 36.7536,
46.1955

366.6902,
332.2425, 387.8945

 33.4921, 25.0168,
32.0503


 85.3964, 70.1937,
85.8489

 22.6647, 16.0896,
21.1348


 110.3898, 92.6657,
112.1942

 14.4655, 9.5875,
13.0304


 139.8380,
119.4849, 143.4432

 8.5290, 5.1264,
7.3185

174.1066,
151.0357, 180.0147

 4.4899, 2.3216,
3.5806

213.5607,
187.7024, 222.3269

 1.9828, 0.7851,
1.3982

258.5658,

 0.6243, 0.0000,

229.8696, 270.7987

0.1403

309.4871,
277.9215, 325.8483

■ 0.0000, 0.0000,
0.0000

■ 47.3129, 36.7536,
46.1955

■ 47.3129, 36.7536,
46.1955

■ 43.3269, 30.6017,
39.2550

■ 52.0600, 44.2607,
53.9033

■ 40.0556, 25.7175,
33.0521

■ 57.6048, 53.1930,
62.4020

■ 37.4521, 22.0111,
27.5580

■ 63.9852, 63.6223,
71.7168

■ 35.4622, 19.3787,
22.7404

■ 71.2357, 75.6135,
81.8709

■ 34.0221, 17.6979,
18.5631

■ 79.3888, 89.2280,
92.8865

■ 33.0383, 16.7864,
14.9795

■ 83.2238, 94.0210,
103.0346

■ 32.9158, 16.6818,
14.5060

■ 84.2416, 94.4281,
108.3942

Harmonies

Analogous

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



44.2932, 36.7536, 64.9938



47.3129, 36.7536, 46.1955



46.7439, 36.7536, 30.1010

Triad

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



47.3129, 36.7536, 46.1955



31.2728, 36.7536, 16.5556



28.0825, 36.7536, 70.1709

Complementary

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



47.3129, 36.7536, 46.1955



45.2531, 61.5136, 54.2908

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.



25.3011, 36.7536, 51.9050



47.3129, 36.7536, 46.1955



26.9945, 36.7536, 22.4343

Square

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



47.3129, 36.7536, 46.1955



37.0283, 36.7536, 15.8245



24.9265, 36.7536, 34.4181



32.9187, 36.7536, 81.2029

Rectangle

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



47.3129, 36.7536, 46.1955



44.4243, 36.7536, 22.6946



24.9265, 36.7536, 34.4181



26.9004, 36.7536, 64.4682

Sweetspot

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



47.3140, 36.7553, 46.1962



83.5289, 80.9968, 92.6079



41.7632, 33.2719, 74.0334



17.6324, 16.9339, 19.4638



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.



47.3140, 36.7553, 46.1962



59.8282, 43.1681, 55.1964



44.3068, 36.2132, 28.3236



13.9712, 13.8061, 15.6183



19.4098, 9.8309, 8.8238



1.3903, 0.6994, 0.8480

Inverse Universe

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



47.3140, 36.7553, 46.1962



59.8282, 43.1681, 55.1964



49.2652, 61.9034, 79.1644



13.9712, 13.8061, 15.6183



19.4098, 9.8309, 8.8238



1.3903, 0.6994, 0.8480

Previews

White Background



This preview shows how the XYZ color 47.3129, 36.7536, 46.1955 looks on a white background.

Color Contrast Check

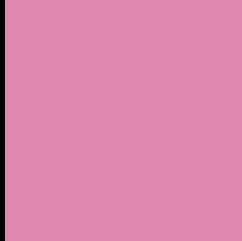
Large Text (above 18pt) WCAG AA × Fail

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 47.3129, 36.7536, 46.1955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

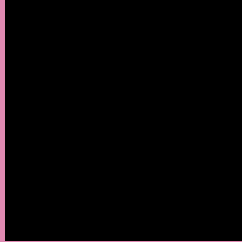
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3129, 36.7536, 46.1955

Background



This preview shows how black text looks on a background with the XYZ color 47.3129, 36.7536, 46.1955.



This preview shows how white text looks on a background with the XYZ color 47.3129, 36.7536,

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

47.3129, 36.7536, 46.1955

Protanopia

36.6465, 36.9600, 55.6546

Deuteranopia

37.6202, 36.9274, 44.6801



Tritanopia

44.8557, 36.8286, 34.4502

Trichromacy



Original Color

47.3129, 36.7536, 46.1955

Protanomaly

39.6523, 36.3154, 51.9334

Deuteranomaly

40.4448, 36.3957, 44.9378

Tritanomaly

45.6299, 36.7015, 38.3974

Monochromacy



Original Color

47.3129, 36.7536, 46.1955

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.7327, 37.2820, 43.6301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3129, 36.7536, 46.1955 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(223, 137, 177)` looks like.

```
.text, #text, p{  
    color:rgb(223, 137, 177)  
}
```

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(223, 137, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 137, 177) }
```

Border

The CSS property to change the border of an element to XYZ 47.3129, 36.7536, 46.1955 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(223, 137, 177) }
```


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

```
.border{ border-color:rgb(223, 137, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 137, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 137, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 137, 177);  
box-shadow:4px 4px 4px 4px rgb(223, 137,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3129, 36.7536, 46.1955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 137, 177) }
```

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

```
.background{ background-color: rgb(223,  
137, 177) }
```

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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