

Converting Colors

XYZ(47.6394, 37.5283, 51.4132)

Have a look what the booklet for
XYZ(47.6394, 37.5283, 51.4132)
contains.

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Color

**XYZ(47.4544, 37.3614,
51.1647)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8CBA
RGB	219, 140, 186
RGB Percent	86%, 55%, 73%
CMY	0.1412, 0.4510, 0.2706
CMYK	0.00, 0.36, 0.15, 0.14
HSL	325°, 52%, 70%
HSV	325°, 36%, 86%
XYZ	47.4544, 37.3614, 51.1647
YIQ	168.8650, 32.3180, 31.0540

Conversions

Conversions Part 2

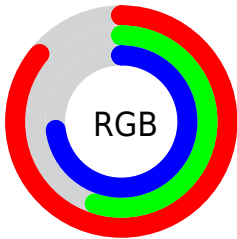
Format	Color
R_{YB}	219, 140, 186
Decimal	14388410
CIE _{Lab}	67.55, 36.54, -11.44
CIE _{LCh}	68, 38.290, 342.613
Yxy	37.3614, 0.3490, 0.2748
Android (android.graphics.Color)	4292578490 (0xFFDB8CBA)
YUV	168.8650, 8.4476, 43.9684
Hunter-Lab	61.1240, 31.6139, -6.8428

Details

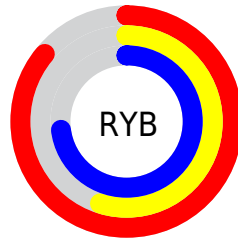
The XYZ color **47.4544, 37.3614, 51.1647** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **43.6912, 59.2566, 48.6727**, and the grayscale version is **37.5947, 39.5526, 43.0728**.

A 20% lighter version of the original color is **76.7821, 66.7010, 92.8321**, and **22.8276, 16.4594, 24.1641** is the 20% darker color. If you saturate the color by 10%, you get **43.6255, 31.2103, 45.2426**, and if you desaturate by 10%, it is **51.9845, 44.8144, 57.6286**.

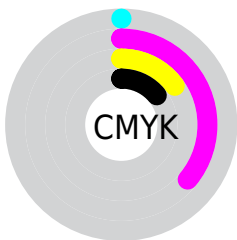
Distribution



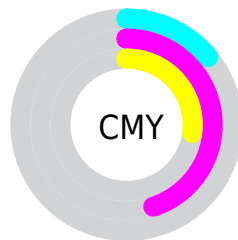
- Red (86%)
- Green (55%)
- Blue (73%)



- Red (86%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (36%)
- Yellow (15%)
- Black (14%)





- Cyan (14%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4544, 37.3614, 51.1647 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 47.4544, 37.3614, 51.1647 by changing the saturation by 10% instead.


 47.4544, 37.3614,
51.1647


 47.4544, 37.3614,
51.1647

367.2441,
334.8725, 408.0682


 33.6045, 25.4874,
35.9621


 85.6061, 71.1283,
93.3122

 22.7514, 16.4406,
24.1154


 110.6386, 93.7900,
121.0941

 14.5297, 9.8365,
15.2063


 140.1294,
120.8163, 153.9062

 8.5742, 5.2907,
8.8161

174.4437,
152.5918, 192.1670

 4.5193, 2.4188,
4.5262

213.9470,
189.5008, 236.2950

 1.9999, 0.8355,
1.9182

259.0046,

 0.6339, 0.0000,

231.9276, 286.7089

0.5043

309.9818,
280.2568, 343.8271

■ 0.0000, 0.0000,
0.0000

■ 47.4544, 37.3614,
51.1647

■ 47.4544, 37.3614,
51.1647

■ 43.6255, 31.2103,
45.2426

■ 51.9845, 44.8144,
57.6286

■ 40.4555, 26.2795,
39.8414

■ 57.2486, 53.6344,
64.6495

■ 37.9023, 22.4864,
34.9414

■ 63.2812, 63.8880,
72.2448

■ 35.9171, 19.7354,
30.5204

■ 70.1134, 75.6362,
80.4302

■ 34.4434, 17.9156,
26.5533

■ 77.7750, 88.9363,
89.2207

■ 33.4111, 16.8886,
23.0104

■ 80.8348, 92.9246,
96.8108

■ 33.0780, 16.6059,
21.7167

■ 82.2354, 93.4849,
104.1865

■ 83.0236, 93.8002,
108.3372

Harmonies

Analogous

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



43.7451, 37.3614, 69.5294



47.4544, 37.3614, 51.1647



47.7513, 37.3614, 33.9998

Triad

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



47.4544, 37.3614, 51.1647



33.0945, 37.3614, 16.5247



27.8100, 37.3614, 66.8332

Complementary

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



47.4544, 37.3614, 51.1647



43.6912, 59.2566, 48.6727

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.



25.5643, 37.3614, 48.1829



47.4544, 37.3614, 51.1647



28.3808, 37.3614, 21.1718

Square

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



47.4544, 37.3614, 51.1647



39.0045, 37.3614, 16.9114



25.7610, 37.3614, 31.7358



32.2324, 37.3614, 80.1551

Rectangle

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



47.4544, 37.3614, 51.1647



45.9322, 37.3614, 25.5815



25.7610, 37.3614, 31.7358



26.7987, 37.3614, 60.7885

Sweetspot

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



47.4555, 37.3631, 51.1655



84.9157, 82.6590, 96.4969



39.3811, 32.7474, 71.2636



17.9285, 17.2731, 20.3422



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.



47.4555, 37.3631, 51.1655



62.9517, 46.2310, 66.0534



43.8267, 35.9116, 32.0564



13.3724, 13.1780, 15.2221



19.6693, 9.8688, 13.1706



1.3169, 0.6564, 1.0776

Inverse Universe

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



47.4555, 37.3631, 51.1655



62.9517, 46.2310, 66.0534



48.0843, 61.0139, 71.8065



13.3724, 13.1780, 15.2221



19.6693, 9.8688, 13.1706



1.3169, 0.6564, 1.0776

Previews

White Background



This preview shows how the XYZ color 47.4544, 37.3614, 51.1647 looks on a white background.

Color Contrast Check

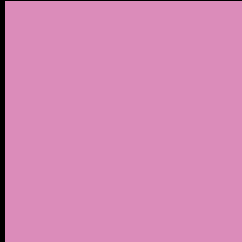
Large Text (above 18pt) WCAG AA × Fail

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 47.4544, 37.3614, 51.1647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

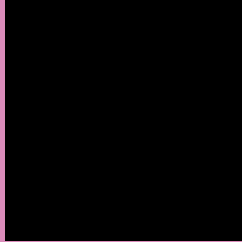
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4544, 37.3614, 51.1647

Background



This preview shows how black text looks on a background with the XYZ color 47.4544, 37.3614, 51.1647.



This preview shows how white text looks on a background with the XYZ color 47.4544, 37.3614,

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

47.4544, 37.3614, 51.1647

Protanopia

37.3501, 37.4794, 60.5240

Deuteranopia

38.2479, 37.4032, 49.4596



Tritanopia

44.5301, 37.2840, 36.7478

Trichromacy



Original Color

47.4544, 37.3614, 51.1647

Protanomaly

40.2756, 37.0119, 57.2458

Deuteranomaly

41.1737, 37.1485, 49.8000

Tritanomaly

45.5056, 37.2238, 41.8323

Monochromacy



Original Color

47.4544, 37.3614, 51.1647

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.4582, 38.1137, 45.7817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4544, 37.3614, 51.1647 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(219, 140, 186)` looks like.

```
.text, #text, p{  
    color:rgb(219, 140, 186)  
}
```

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(219, 140, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 140, 186) }
```

Border

The CSS property to change the border of an element to XYZ 47.4544, 37.3614, 51.1647 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(219, 140, 186) }
```


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

```
.border{ border-color:rgb(219, 140, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 140, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 140, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 140, 186); box-shadow:4px 4px 4px 4px rgb(219, 140, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4544, 37.3614, 51.1647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 140, 186) }
```

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

```
.background{ background-color: rgb(219,  
140, 186) }
```

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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