

Converting Colors

XYZ(47.1792, 37.4800, 53.7204)

Have a look what the booklet for
XYZ(47.1792, 37.4800, 53.7204)
contains.

XYZ(47.1380, 37.3664, 53.4432)	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(47.1380, 37.3664,
53.4432)**

Conversions

Conversions Part 1

Format	Color
Hex	D88DBE
RGB	216, 141, 190
RGB Percent	85%, 55%, 75%
CMY	0.1529, 0.4470, 0.2549
CMYK	0.00, 0.35, 0.12, 0.15
HSL	321°, 49%, 70%
HSV	321°, 35%, 85%
XYZ	47.1380, 37.3664, 53.4432
YIQ	169.0110, 28.9710, 31.1390

Conversions

Conversions Part 2

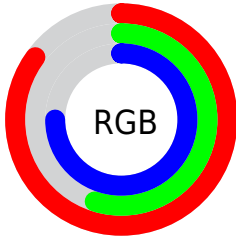
Format	Color
R _Y B	216, 141, 190
Decimal	14192062
CIE Lab	67.55, 35.64, -13.71
CIE LCh	68, 38.187, 338.959
Yxy	37.3664, 0.3417, 0.2709
Android (android.graphics.Color)	4292382142 (0xFFD88DBE)
YUV	169.0110, 10.3476, 41.2094
Hunter-Lab	61.1281, 30.6735, -9.0466

Details

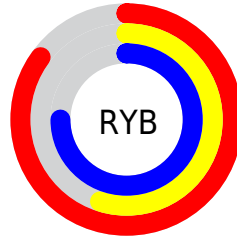
The XYZ color **47.1380, 37.3664, 53.4432** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.5170, 57.5655, 45.4321**, and the grayscale version is **37.6589, 39.6201, 43.1463**.

A 20% lighter version of the original color is **77.6145, 67.3937, 96.1063**, and **22.5849, 16.4245, 25.6468** is the 20% darker color. If you saturate the color by 10%, you get **43.4608, 31.2880, 48.2827**, and if you desaturate by 10%, it is **51.4806, 44.7072, 59.0338**.

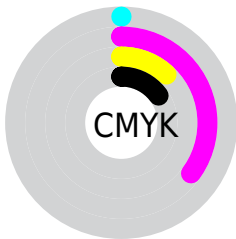
Distribution



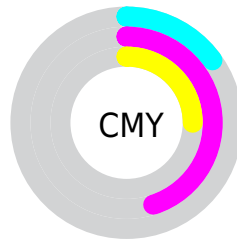
- Red (85%)
- Green (55%)
- Blue (75%)



- Red (85%)
- Yellow (55%)
- Blue (75%)



- Cyan (0%)
- Magenta (35%)
- Yellow (12%)
- Black (15%)





- Cyan (15%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1380, 37.3664, 53.4432 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 47.1380, 37.3664, 53.4432 by changing the saturation by 10% instead.


 47.1380, 37.3664,
53.4432


 47.1380, 37.3664,
53.4432

366.0048,
334.8941, 417.0976


 33.3532, 25.4913,
37.7665


 85.1371, 71.1360,
96.7044

 22.5577, 16.4435,
25.5011


 110.0820, 93.7992,
125.1259

 14.3861, 9.8385,
16.2284


 139.4777,
120.8273, 158.6329

 8.4732, 5.2920,
9.5298

173.6895,
152.6046, 197.6438

 4.4535, 2.4196,
4.9868

213.0827,
189.5156, 242.5772

 1.9618, 0.8359,
2.1809

258.0228,

 0.6124, 0.0000,

231.9445, 293.8516

0.6633

308.8751,
280.2759, 351.8856

■ 0.0000, 0.0000,
0.0000

■ 47.1380, 37.3664,
53.4432

■ 47.1380, 37.3664,
53.4432

■ 43.4608, 31.2880,
48.2827

■ 51.4806, 44.7072,
59.0338

■ 40.4088, 26.3941,
43.5346

■ 56.5191, 53.3722,
65.0665

■ 37.9424, 22.6061,
39.1830


■ 62.2862, 63.4251,
71.5555


■ 36.0159, 19.8338,
35.2094


■ 68.8115, 74.9243,
78.5137


■ 34.5765, 17.9724,
31.5929


■ 76.1229, 87.9245,
85.9531


 33.5597, 16.8943,
28.3086

 79.0646, 92.1132,
92.1578

 33.1355, 16.5256,
26.6881

 80.1693, 92.5551,
97.9750

 81.3200, 93.0154,
104.0348

 82.1291, 93.3390,
108.2953

Harmonies

Analogous

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



43.1034, 37.3664, 71.3878



47.1380, 37.3664, 53.4432



47.8852, 37.3664, 35.8521

Triad

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



47.1380, 37.3664, 53.4432



33.7852, 37.3664, 16.3633



27.4351, 37.3664, 64.6091

Complementary

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



47.1380, 37.3664, 53.4432



42.5170, 57.5655, 45.4321

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.



25.4839, 37.3664, 45.9353



47.1380, 37.3664, 53.4432



28.8751, 37.3664, 20.3558

Square

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



47.1380, 37.3664, 53.4432



39.7283, 37.3664, 17.3425



25.9803, 37.3664, 30.1394



31.6118, 37.3664, 78.9717

Rectangle

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



47.1380, 37.3664, 53.4432



46.3462, 37.3664, 26.9442



25.9803, 37.3664, 30.1394



26.5193, 37.3664, 58.4486

Sweetspot

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



47.1391, 37.3681, 53.4440



86.0569, 84.2393, 99.0413



37.6471, 32.1166, 69.1811



18.1683, 17.5930, 20.9142



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.



47.1391, 37.3681, 53.4440



64.4521, 47.4636, 72.0049



43.6363, 35.9670, 34.9984



12.7616, 12.5562, 14.6850



19.6654, 9.8025, 16.0738



1.2245, 0.6066, 1.1714

Inverse Universe

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



47.1391, 37.3681, 53.4440



64.4521, 47.4636, 72.0049



46.3808, 59.1110, 65.7788



12.7616, 12.5562, 14.6850



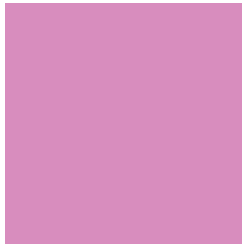
19.6654, 9.8025, 16.0738



1.2245, 0.6066, 1.1714

Previews

White Background



This preview shows how the XYZ color 47.1380, 37.3664, 53.4432 looks on a white background.

Color Contrast Check

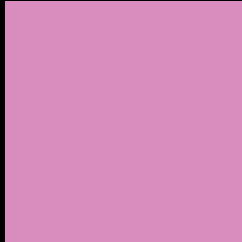
Large Text (above 18pt) WCAG AA × Fail

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 47.1380, 37.3664, 53.4432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

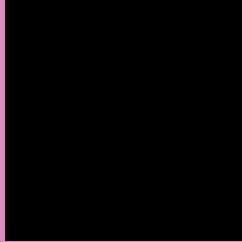
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1380, 37.3664, 53.4432

Background



This preview shows how black text looks on a background with the XYZ color 47.1380, 37.3664, 53.4432.



This preview shows how white text looks on a background with the XYZ color 47.1380, 37.3664,

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

47.1380, 37.3664, 53.4432

Protanopia

37.6342, 37.5707, 63.0259

Deuteranopia

38.4024, 37.6928, 51.7058



Tritanopia

43.7567, 37.3331, 37.2475

Trichromacy



Original Color

47.1380, 37.3664, 53.4432

Protanomaly

40.2781, 36.9599, 59.6547

Deuteranomaly

41.0188, 37.2639, 52.0444

Tritanomaly

44.8217, 37.2992, 42.8673

Monochromacy



Original Color

47.1380, 37.3664, 53.4432

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.5836, 38.4097, 46.8698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1380, 37.3664, 53.4432 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(216, 141, 190)` looks like.

```
.text, #text, p{  
    color:rgb(216, 141, 190)  
}
```

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(216, 141, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 141, 190) }
```

Border

The CSS property to change the border of an element to XYZ 47.1380, 37.3664, 53.4432 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(216, 141, 190) }
```


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

```
.border{ border-color:rgb(216, 141, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 141, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 141, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 141, 190);  
box-shadow:4px 4px 4px 4px rgb(216, 141,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1380, 37.3664, 53.4432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 141, 190) }
```

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

```
.background{ background-color: rgb(216,  
141, 190) }
```

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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