

Converting Colors

XYZ(47.6364, 37.7636, 65.1649)

Have a look what the booklet for
XYZ(47.6364, 37.7636, 65.1649)
contains.

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Color

**XYZ(47.6256, 37.8037,
65.1083)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D18FD1 |
| RGB | 209, 143, 209 |
| RGB Percent | 82%, 56%, 82% |
| CMY | 0.1804, 0.4392, 0.1804 |
| CMYK | 0.00, 0.32, 0.00, 0.18 |
| HSL | 300°, 42%, 69% |
| HSV | 300°, 32%, 82% |
| XYZ | 47.6256, 37.8037, 65.1083 |
| YIQ | 170.2580, 18.1500, 34.5180 |

Conversions

Conversions Part 2

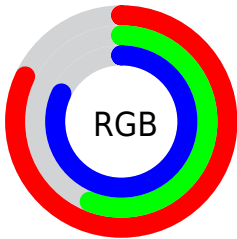
| Format | Color |
|-------------------------------------|--|
| RYB | 209, 143, 209 |
| Decimal | 13733841 |
| CIELab | 67.88, 35.60, -23.88 |
| CIELCh | 68, 42.870, 326.145 |
| Yxy | 37.8037, 0.3164, 0.2511 |
| Android (android.graphics.Color) | 4291923921 (0xFFD18FD1) |
| YUV | 170.2580, 19.0998, 33.9767 |
| Hunter-Lab | 61.4847, 30.6665, -19.7449 |

Details

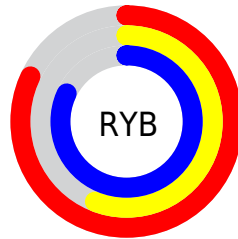
The XYZ color **47.6256, 37.8037, 65.1083** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.0877, 53.4250, 34.2407**, and the grayscale version is **38.2396, 40.2310, 43.8115**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **22.7107, 16.5876, 32.5766** is the 20% darker color. If you saturate the color by 10%, you get **44.7760, 32.1038, 64.1587**, and if you desaturate by 10%, it is **51.0621, 44.6759, 66.2543**.

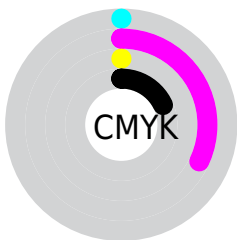
Distribution



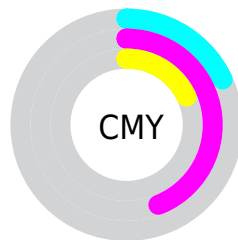
- Red (82%)
- Green (56%)
- Blue (82%)



- Red (82%)
- Yellow (56%)
- Blue (82%)



- Cyan (0%)
- Magenta (32%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6256, 37.8037, 65.1083 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 47.6256, 37.8037, 65.1083 by changing the saturation by 10% instead.

47.6256, 37.8037,
65.1083

47.6256, 37.8037,
65.1083

367.9135,
336.7771, 461.4979

33.7405, 25.8304,
47.0970

85.8598, 71.8072,
113.8203

22.8563, 16.6968,
32.7574

110.9396, 94.6061,
145.3581

14.6075, 10.0185,
21.6711

140.4816,
121.7823, 182.2418

8.6289, 5.4113,
13.4194

174.8513,
153.7203, 224.8900

4.5551, 2.4905,
7.5839

214.4140,
190.8043, 273.7211

2.0207, 0.8719,
3.7459

259.5350,

0.6456, 0.0000,

233.4189, 329.1538

1.4870

310.5797,
281.9484, 391.6065

■ 0.0000, 0.0000,
0.2082

■ 0.0000, 0.0000,
0.0000

■ 47.6256, 37.8037,
65.1083

■ 47.6256, 37.8037,
65.1083

■ 44.7760, 32.1038,
64.1587

■ 51.0621, 44.6759,
66.2543

■ 42.4771, 27.5061,
63.3923

■ 55.1119, 52.7754,
67.6044

■ 40.6946, 23.9410,
62.7980

■ 59.8041, 62.1598,
69.1685

■ 39.3884, 21.3286,
62.3625

■ 65.1650, 72.8816,
70.9556

38.5129, 19.5776,
62.0705

71.2193, 84.9902,
72.9738

38.0134, 18.5788,
61.9040

73.5638, 89.6791,
73.7555

37.8035, 18.1589,
61.8339

73.5638, 89.6791,
73.7556

73.5638, 89.6791,
73.7557

73.5638, 89.6791,
73.7558

Harmonies

Analogous

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



41.8630, 37.8037, 83.5432



47.6256, 37.8037, 65.1083



50.2526, 37.8037, 43.6723

Triad

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



47.6256, 37.8037, 65.1083



36.7975, 37.8037, 14.3758



25.6352, 37.8037, 59.4910

Complementary

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



47.6256, 37.8037, 65.1083



39.0877, 53.4250, 34.2407

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.



24.6276, 37.8037, 38.7494



47.6256, 37.8037, 65.1083



30.5882, 37.8037, 16.2698

Square

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



47.6256, 37.8037, 65.1083



43.5328, 37.8037, 17.6317



26.3275, 37.8037, 23.9511



29.2706, 37.8037, 79.6597

Rectangle

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



47.6256, 37.8037, 65.1083



49.6607, 37.8037, 31.7987



26.3275, 37.8037, 23.9511



24.9988, 37.8037, 52.2031

Sweetspot

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



47.6268, 37.8054, 65.1091



88.1607, 86.2214, 106.6034



32.6605, 30.0899, 64.4091



18.6488, 18.0124, 22.7438



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.



47.6268, 37.8054, 65.1091



71.5338, 52.9678, 101.0606



43.9549, 36.3366, 45.7729



12.3109, 12.0091, 14.9128



23.3081, 11.1961, 38.1243



1.3032, 0.6260, 2.1317

Inverse Universe

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



47.6268, 37.8054, 65.1091



71.5338, 52.9678, 101.0606



41.9661, 54.5764, 49.3984



12.3109, 12.0091, 14.9128



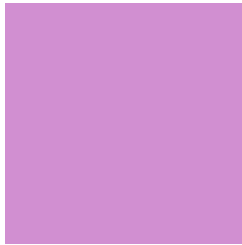
23.3081, 11.1961, 38.1243



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 47.6256, 37.8037, 65.1083 looks on a white background.

Color Contrast Check

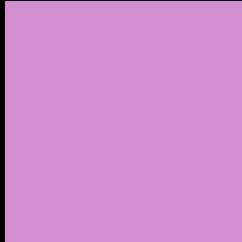
Large Text (above 18pt) WCAG AA × Fail

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 47.6256, 37.8037, 65.1083 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 47.6256, 37.8037, 65.1083

Background



This preview shows how black text looks on a background with the XYZ color 47.6256, 37.8037, 65.1083.



This preview shows how white text looks on a background with the XYZ color 47.6256, 37.8037,

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

47.6256, 37.8037, 65.1083

Protanopia

38.9427, 38.2286, 75.8474

Deuteranopia

38.8401, 37.9298, 63.0317



Tritanopia

42.5577, 37.8333, 40.1815

Trichromacy



Original Color

47.6256, 37.8037, 65.1083



Protanomaly

41.2522, 37.4375, 72.0698



Deuteranomaly

41.4523, 37.4826, 63.4426



Tritanomaly

44.1625, 37.7693, 48.1426

Monochromacy



Original Color

47.6256, 37.8037, 65.1083



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

40.9897, 38.7927, 50.6747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6256, 37.8037, 65.1083 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(209, 143, 209)` looks like.

```
.text, #text, p{  
    color:rgb(209, 143, 209)  
}
```

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(209, 143, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 143, 209) }
```

Border

The CSS property to change the border of an element to XYZ 47.6256, 37.8037, 65.1083 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(209, 143, 209) }
```


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

```
.border{ border-color:rgb(209, 143, 209) }
```

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

Here you see how a box with a 4 pixel rgb(209, 143, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 143, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 143, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 143,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6256, 37.8037, 65.1083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 143, 209) }
```

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

```
.background{ background-color: rgb(209,  
143, 209) }
```

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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