

Converting Colors

XYZ(47.0751, 37.5324, 53.8725)

Have a look what the booklet for
XYZ(47.0751, 37.5324, 53.8725)
contains.

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Color

**XYZ(47.1013, 37.5547,
54.0565)**

Conversions

Conversions Part 1

Format	Color
Hex	D78EBF
RGB	215, 142, 191
RGB Percent	84%, 56%, 75%
CMY	0.1569, 0.4431, 0.2510
CMYK	0.00, 0.34, 0.11, 0.16
HSL	320°, 48%, 70%
HSV	320°, 34%, 84%
XYZ	47.1013, 37.5547, 54.0565
YIQ	169.4130, 27.7790, 30.7150

Conversions

Conversions Part 2

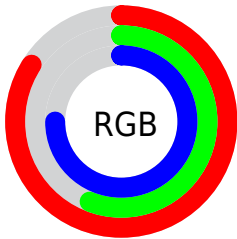
Format	Color
R _Y B	215, 142, 191
Decimal	14126783
CIE Lab	67.69, 34.93, -14.07
CIE LCh	68, 37.661, 338.062
Yxy	37.5547, 0.3396, 0.2707
Android (android.graphics.Color)	4292316863 (0xFFD78EBF)
YUV	169.4130, 10.6424, 39.9798
Hunter-Lab	61.2819, 29.9519, -9.4021

Details

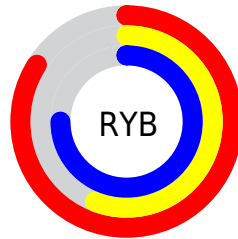
The XYZ color **47.1013, 37.5547, 54.0565** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.3403, 57.1059, 44.8699**, and the grayscale version is **37.8569, 39.8284, 43.3731**.

A 20% lighter version of the original color is **77.9948, 67.9079, 96.9925**, and **22.5417, 16.5182, 26.0450** is the 20% darker color. If you saturate the color by 10%, you get **43.4466, 31.4598, 49.0925**, and if you desaturate by 10%, it is **51.4128, 44.9019, 59.4255**.

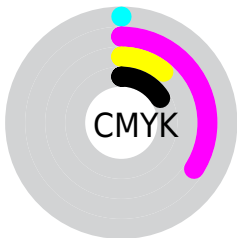
Distribution



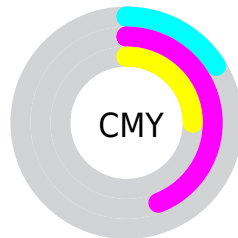
- Red (84%)
- Green (56%)
- Blue (75%)



- Red (84%)
- Yellow (56%)
- Blue (75%)



- Cyan (0%)
- Magenta (34%)
- Yellow (11%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1013, 37.5547, 54.0565 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 47.1013, 37.5547, 54.0565 by changing the saturation by 10% instead.


 47.1013, 37.5547,
54.0565


 47.1013, 37.5547,
54.0565


365.8609,
335.7059, 419.5061

 33.3240, 25.6373,
38.2533


 85.0826, 71.4251,
97.6144

 22.5352, 16.5525,
25.8760


 110.0174, 94.1468,
126.2063

 14.3695, 9.9159,
16.5060


139.4021,
121.2388, 159.8982

 8.4615, 5.3433,
9.7247

173.6019,
153.0854, 199.1085

 4.4459, 2.4500,
5.1136

212.9824,
190.0710, 244.2560

 1.9574, 0.8515,
2.2542

257.9088,

 0.6099, 0.0000,

232.5800, 295.7590

0.7054

308.7465,
280.9969, 354.0362

■ 0.0000, 0.0000,
0.0000

■ 47.1013, 37.5547,
54.0565

■ 47.1013, 37.5547,
54.0565

■ 43.4466, 31.4598,
49.0925

■ 51.4128, 44.9019,
59.4255

■ 40.4091, 26.5407,
44.5165

■ 56.4109, 53.5619,
65.2108

■ 37.9502, 22.7204,
40.3135


■ 62.1277, 63.5976,
71.4259


■ 36.0252, 19.9105,
36.4657


■ 68.5922, 75.0662,
78.0830


■ 34.5828, 18.0090,
32.9535


■ 75.8317, 88.0216,
85.1935


 33.5605, 16.8919,
29.7530

 78.5518, 91.8741,
90.9950

 33.0825, 16.4703,
27.9460

 79.5847, 92.2872,
96.4338

 80.6585, 92.7167,
102.0882

 81.7736, 93.1628,
107.9607

Harmonies

Analogous

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



43.0402, 37.5547, 71.6343



47.1013, 37.5547, 54.0565



47.9472, 37.5547, 36.5626

Triad

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



47.1013, 37.5547, 54.0565



34.1495, 37.5547, 16.6763



27.5962, 37.5547, 63.9766

Complementary

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



47.1013, 37.5547, 54.0565



42.3403, 57.1059, 44.8699

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.



25.7303, 37.5547, 45.5476



47.1013, 37.5547, 54.0565



29.2363, 37.5547, 20.5076

Square

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



47.1013, 37.5547, 54.0565



40.0363, 37.5547, 17.8016



26.2964, 37.5547, 30.0576



31.6788, 37.5547, 78.3601

Rectangle

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



47.1013, 37.5547, 54.0565



46.4966, 37.5547, 27.6023



26.2964, 37.5547, 30.0576



26.7103, 37.5547, 57.8777

Sweetspot

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



47.1024, 37.5564, 54.0573



86.1271, 84.2674, 99.4111



37.4818, 32.2662, 68.5430



18.1853, 17.5999, 21.0039



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.



47.1024, 37.5564, 54.0573



65.2196, 48.4171, 74.0532



43.6474, 36.1744, 35.8633



12.7713, 12.5600, 14.7360



19.8379, 9.8715, 16.9821



1.2340, 0.6104, 1.2215

Inverse Universe

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



47.1024, 37.5564, 54.0573



65.2196, 48.4171, 74.0532



46.0724, 58.5987, 64.5229



12.7713, 12.5600, 14.7360



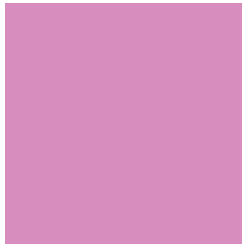
19.8379, 9.8715, 16.9821



1.2340, 0.6104, 1.2215

Previews

White Background



This preview shows how the XYZ color 47.1013, 37.5547, 54.0565 looks on a white background.

Color Contrast Check

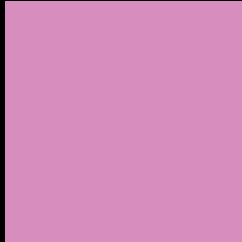
Large Text (above 18pt) WCAG AA × Fail

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 47.1013, 37.5547, 54.0565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

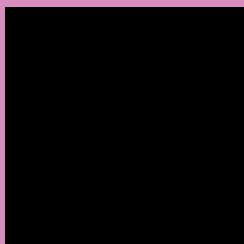
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1013, 37.5547, 54.0565

Background



This preview shows how black text looks on a background with the XYZ color 47.1013, 37.5547, 54.0565.



This preview shows how white text looks on a background with the XYZ color 47.1013, 37.5547,

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

47.1013, 37.5547, 54.0565

Protanopia

37.9336, 37.9757, 63.7232

Deuteranopia

38.6166, 37.7785, 52.8336



Tritanopia

43.7119, 37.5319, 37.7414

Trichromacy



Original Color

47.1013, 37.5547, 54.0565



Protanomaly

40.5625, 37.3411, 60.3280



Deuteranomaly

41.2344, 37.3501, 53.1801



Tritanomaly

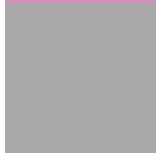
44.7809, 37.4951, 43.4051

Monochromacy



Original Color

47.1013, 37.5547, 54.0565



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 47.1013, 37.5547, 54.0565 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(215, 142, 191)` looks like.

```
.text, #text, p{  
    color:rgb(215, 142, 191)  
}
```

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(215, 142, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 142, 191) }
```

Border

The CSS property to change the border of an element to XYZ 47.1013, 37.5547, 54.0565 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(215, 142, 191) }
```


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

```
.border{ border-color:rgb(215, 142, 191) }
```

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

Here you see how a box with a 4 pixel rgb(215, 142, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 142, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 142, 191);  
box-shadow:4px 4px 4px 4px rgb(215, 142,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1013, 37.5547, 54.0565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 142, 191) }
```

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

```
.background{ background-color: rgb(215,  
142, 191) }
```

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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