

Converting Colors

XYZ(47.9753, 36.9127, 54.4655)

Have a look what the booklet for
XYZ(47.9753, 36.9127, 54.4655)
contains.

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Color

**XYZ(47.9753, 36.9127,
54.4655)**

Conversions

Conversions Part 1

Format	Color
Hex	DC89C0
RGB	220, 137, 192
RGB Percent	86%, 54%, 75%
CMY	0.1373, 0.4627, 0.2471
CMYK	0.00, 0.38, 0.13, 0.14
HSL	320°, 54%, 70%
HSV	320°, 38%, 86%
XYZ	47.9753, 36.9127, 54.4655
YIQ	168.0870, 31.8130, 34.7010

Conversions

Conversions Part 2

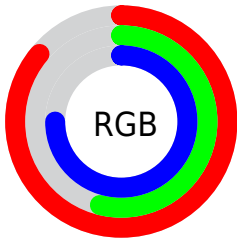
Format	Color
R _Y B	220, 137, 192
Decimal	14453184
CIE Lab	67.21, 39.43, -15.30
CIE LCh	67, 42.296, 338.800
Yxy	36.9127, 0.3443, 0.2649
Android (android.graphics.Color)	4292643264 (0xFFDC89C0)
YUV	168.0870, 11.7891, 45.5277
Hunter-Lab	60.7558, 34.6283, -10.6224

Details

The XYZ color **47.9753, 36.9127, 54.4655** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **42.7028, 59.2225, 44.7802**, and the grayscale version is **37.1961, 39.1332, 42.6161**.

A 20% lighter version of the original color is **77.0329, 65.7366, 97.4353**, and **22.9402, 16.1185, 25.9469** is the 20% darker color. If you saturate the color by 10%, you get **44.3593, 30.9634, 49.3047**, and if you desaturate by 10%, it is **52.2725, 44.1571, 60.0588**.

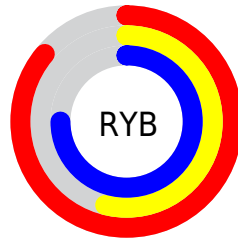
Distribution



Red (86%)

Green (54%)

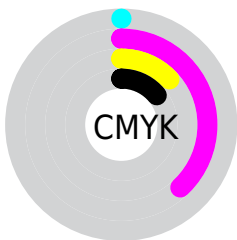
Blue (75%)



Red (86%)

Yellow (54%)

Blue (75%)

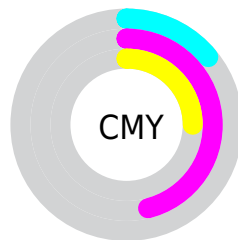


Cyan (0%)

Magenta (38%)

Yellow (13%)

Black (14%)



Cyan (14%)


Magenta (46%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9753, 36.9127, 54.4655 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 47.9753, 36.9127, 54.4655 by changing the saturation by 10% instead.


 47.9753, 36.9127,
54.4655


 47.9753, 36.9127,
54.4655

369.2784,
332.9324, 421.1073


 34.0185, 25.1399,
38.5782


 86.3775, 70.4385,
98.2207

 23.0708, 16.1813,
26.1265


 111.5537, 92.9603,
126.9257

 14.7668, 9.6526,
16.6917


 141.2003,
119.8339, 160.7403

 8.7411, 5.1692,
9.8553

175.6828,
151.4436, 200.0832

 4.6284, 2.3469,
5.1988

215.3665,
188.1740, 245.3727

 2.0635, 0.7984,
2.3036

260.6168,

 0.6692, 0.0000,

230.4093, 297.0276

0.7332

311.7990,
278.5340, 355.4663

■ 0.0000, 0.0000,
0.0000

■ 47.9753, 36.9127,
54.4655

■ 47.9753, 36.9127,
54.4655

■ 44.3593, 30.9634,
49.3047

■ 52.2725, 44.1571,
60.0588

■ 41.3817, 26.2260,
44.5580

■ 57.2840, 52.7632,
66.0974

■ 38.9996, 22.6151,
40.2083


■ 63.0445, 62.7990,
72.5960


■ 37.1634, 20.0326,
36.2362


■ 69.5854, 74.3265,
79.5681


■ 35.8147, 18.3628,
32.6188

■ 76.9364, 87.4042,
87.0261


 34.8731, 17.4458,
29.3261

 80.4935, 92.8230,
93.4381

 34.6867, 17.2843,
28.6124

 81.5979, 93.2648,
99.2539

 82.7477, 93.7247,
105.3088

 83.3255, 93.9558,
108.3513

Harmonies

Analogous

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



43.4506, 36.9127, 74.7473



47.9753, 36.9127, 54.4655



48.8352, 36.9127, 34.9951

Triad

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



47.9753, 36.9127, 54.4655



33.2196, 36.9127, 14.3036



26.2730, 36.9127, 66.8336

Complementary

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



47.9753, 36.9127, 54.4655



42.7028, 59.2225, 44.7802

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.



24.1924, 36.9127, 45.8788



47.9753, 36.9127, 54.4655



27.8676, 36.9127, 18.3661

Square

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



47.9753, 36.9127, 54.4655



39.7670, 36.9127, 15.3250



24.7381, 36.9127, 28.6587



30.7846, 36.9127, 83.2768

Rectangle

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



47.9753, 36.9127, 54.4655



47.1238, 36.9127, 25.3838



24.7381, 36.9127, 28.6587



25.2930, 36.9127, 59.8639

Sweetspot

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



47.9764, 36.9144, 54.4663



85.2589, 82.7962, 98.3042



37.3134, 31.0242, 71.7325



18.0105, 17.3059, 20.7736



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.



47.9764, 36.9144, 54.4663



63.0865, 45.0620, 70.5333



44.0346, 35.3377, 33.7091



13.4180, 13.1963, 15.4622



20.4110, 10.1654, 17.0760



1.3619, 0.6744, 1.3146

Inverse Universe

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



47.9764, 36.9144, 54.4663



63.0865, 45.0620, 70.5333



47.0719, 60.9701, 67.7873



13.4180, 13.1963, 15.4622



20.4110, 10.1654, 17.0760



1.3619, 0.6744, 1.3146

Previews

White Background



This preview shows how the XYZ color 47.9753, 36.9127, 54.4655 looks on a white background.

Color Contrast Check

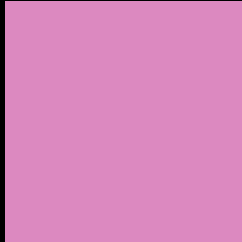
Large Text (above 18pt) WCAG AA × Fail

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 47.9753, 36.9127, 54.4655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

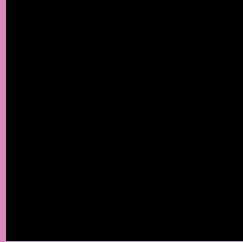
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9753, 36.9127, 54.4655

Background



This preview shows how black text looks on a background with the XYZ color 47.9753, 36.9127, 54.4655.



This preview shows how white text looks on a background with the XYZ color 47.9753, 36.9127,

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

47.9753, 36.9127, 54.4655

Protanopia

37.3778, 37.1195, 65.5164

Deuteranopia

38.0101, 37.2075, 52.7554



Tritanopia

44.2086, 36.9120, 35.8050

Trichromacy



Original Color

47.9753, 36.9127, 54.4655

Protanomaly

40.3022, 36.4414, 61.4096

Deuteranomaly

41.1526, 36.8220, 53.0825

Tritanomaly

45.2080, 36.6286, 41.7331

Monochromacy



Original Color

47.9753, 36.9127, 54.4655

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

40.4863, 37.8531, 46.7675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9753, 36.9127, 54.4655 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(220, 137, 192)` looks like.

```
.text, #text, p{  
    color:rgb(220, 137, 192)  
}
```

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(220, 137, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 137, 192) }
```

Border

The CSS property to change the border of an element to XYZ 47.9753, 36.9127, 54.4655 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(220, 137, 192) }
```


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

```
.border{ border-color:rgb(220, 137, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 137, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 137, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 137, 192);  
box-shadow:4px 4px 4px 4px rgb(220, 137,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9753, 36.9127, 54.4655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 137, 192) }
```

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

```
.background{ background-color: rgb(220,  
137, 192) }
```

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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