

Converting Colors

XYZ(44.9194, 36.1495, 36.9578)

Have a look what the booklet for
XYZ(44.9194, 36.1495, 36.9578)
contains.

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Color

**XYZ(44.9194, 36.1495,
36.9578)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8B9E
RGB	220, 139, 158
RGB Percent	86%, 55%, 62%
CMY	0.1373, 0.4549, 0.3804
CMYK	0.00, 0.37, 0.28, 0.14
HSL	346°, 54%, 70%
HSV	346°, 37%, 86%
XYZ	44.9194, 36.1495, 36.9578
YIQ	165.3850, 42.1770, 23.0810

Conversions

Conversions Part 2

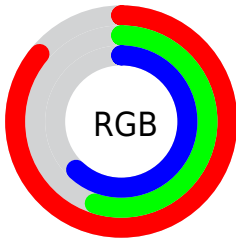
Format	Color
R _Y B	220, 139, 158
Decimal	14453662
CIE Lab	66.63, 33.28, 2.96
CIE LCh	67, 33.415, 5.082
Yxy	36.1495, 0.3806, 0.3063
Android (android.graphics.Color)	4292643742 (0xFFDC8B9E)
YUV	165.3850, -3.6408, 47.8974
Hunter-Lab	60.1245, 28.1408, 5.6422

Details

The XYZ color **44.9194, 36.1495, 36.9578** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.7849, 60.8933, 64.5492**, and the grayscale version is **35.9527, 37.8250, 41.1915**.

A 20% lighter version of the original color is **72.3202, 64.2040, 71.5317**, and **21.1663, 15.6645, 15.8179** is the 20% darker color. If you saturate the color by 10%, you get **40.6969, 29.8675, 28.8820**, and if you desaturate by 10%, it is **49.9835, 43.7964, 46.2950**.

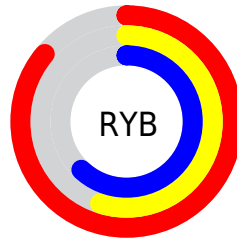
Distribution



Red (86%)

Green (55%)

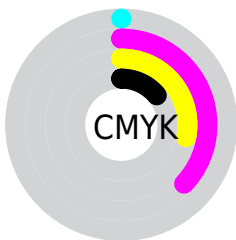
Blue (62%)



Red (86%)

Yellow (55%)

Blue (62%)

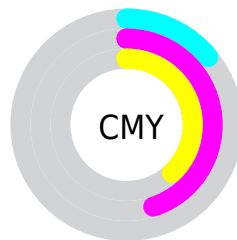


Cyan (0%)

Magenta (37%)

Yellow (28%)

Black (14%)



Cyan (14%)


Magenta (45%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.9194, 36.1495, 36.9578 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 44.9194, 36.1495, 36.9578 by changing the saturation by 10% instead.


 44.9194, 36.1495,
36.9578


 44.9194, 36.1495,
36.9578


357.2362,
329.6135, 348.2910

 31.5950, 24.5497,
24.8793


 81.8373, 69.2628,
71.6935

 21.2064, 15.7419,
15.7689


 106.1614, 91.5450,
95.1877

 13.3882, 9.3417,
9.2082


 134.8828,
118.1568, 123.3243

 7.7753, 4.9647,
4.7786

168.3668,
149.4826, 156.5217

 4.0021, 2.2266,
2.0615

206.9788,
185.9068, 195.1986

 1.7033, 0.7344,
0.5927

251.0841,

 0.4583, 0.0000,

227.8137, 239.7734

0.0000

301.0481,
275.5878, 290.6647

■ 0.0000, 0.0000,
0.0000

■ 44.9194, 36.1495,
36.9578

■ 44.9194, 36.1495,
36.9578

■ 40.6969, 29.8675,
28.8820

■ 49.9835, 43.7964,
46.2950

■ 37.2664, 24.8645,
22.0102

■ 55.9292, 52.8767,
56.9430

■ 34.5774, 21.0532,
16.2838

■ 62.7976, 63.4609,
68.9514

■ 32.5722, 18.3330,
11.6380

■ 70.6262, 75.6131,
82.3664

■ 31.1841, 16.5864,
8.0010

■ 79.4504, 89.3937,
97.2318

■ 30.3288, 15.6628,
5.2901

■ 83.3253, 93.9557,
108.3513

■ 30.1261, 15.4600,
4.5975

Harmonies

Analogous

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



43.8965, 36.1495, 52.2199



44.9194, 36.1495, 36.9578



42.8955, 36.1495, 25.4922

Triad

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



44.9194, 36.1495, 36.9578



29.0953, 36.1495, 20.7687



30.4437, 36.1495, 70.1990

Complementary

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



44.9194, 36.1495, 36.9578



46.7849, 60.8933, 64.5492

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.



27.0376, 36.1495, 57.5206



44.9194, 36.1495, 36.9578



26.3139, 36.1495, 28.8074

Square

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



44.9194, 36.1495, 36.9578



33.5094, 36.1495, 17.7174



25.5988, 36.1495, 41.8655



35.2228, 36.1495, 73.8931

Rectangle

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



44.9194, 36.1495, 36.9578



40.1968, 36.1495, 20.7389



25.5988, 36.1495, 41.8655



29.1157, 36.1495, 66.7172

Sweetspot

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



44.9204, 36.1512, 36.9585



83.4790, 82.0843, 88.9312



45.9049, 35.8794, 72.2164



17.5870, 17.1365, 18.5438



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.



44.9204, 36.1512, 36.9585



58.2046, 43.7138, 42.9620



46.6179, 41.9638, 30.0711



13.1806, 13.1013, 14.2120



17.7166, 9.0877, 2.8878



1.1813, 0.6021, 0.3635

Inverse Universe

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



44.9204, 36.1512, 36.9585



58.2046, 43.7138, 42.9620



44.1635, 51.8504, 75.3909



13.1806, 13.1013, 14.2120



17.7166, 9.0877, 2.8878



1.1813, 0.6021, 0.3635

Previews

White Background



This preview shows how the XYZ color 44.9194, 36.1495, 36.9578 looks on a white background.

Color Contrast Check

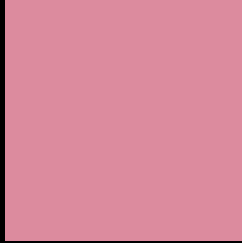
Large Text (above 18pt) WCAG AA × Fail

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 44.9194, 36.1495, 36.9578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

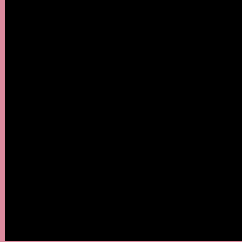
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.9194, 36.1495, 36.9578

Background



This preview shows how black text looks on a background with the XYZ color 44.9194, 36.1495, 36.9578.



This preview shows how white text looks on a background with the XYZ color 44.9194, 36.1495,

36.9578.

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

44.9194, 36.1495, 36.9578

Protanopia

35.3753, 36.5675, 43.7218

Deuteranopia

37.0294, 36.3043, 36.0661



Tritanopia

44.1774, 36.0506, 33.9082

Trichromacy



Original Color

44.9194, 36.1495, 36.9578

Protanomaly

38.2057, 36.0547, 41.0220

Deuteranomaly

39.4128, 35.8151, 36.2882

Tritanomaly

44.4242, 36.1493, 35.2080

Monochromacy



Original Color

44.9194, 36.1495, 36.9578

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.4176, 36.6999, 39.2414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9194, 36.1495, 36.9578 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, 139, 158)` looks like.

```
.text, #text, p{  
    color:rgb(220, 139, 158)  
}
```

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, 139, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 139, 158) }
```

Border

The CSS property to change the border of an element to XYZ 44.9194, 36.1495, 36.9578 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, 139, 158) }
```


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

```
.border{ border-color:rgb(220, 139, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 139, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 139, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 139, 158);  
box-shadow:4px 4px 4px 4px rgb(220, 139,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9194, 36.1495, 36.9578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 139, 158) }
```

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

```
.background{ background-color: rgb(220,  
139, 158) }
```

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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