

Converting Colors

XYZ(44.4694, 36.2981, 38.3131)

Have a look what the booklet for
XYZ(44.4694, 36.2981, 38.3131)
contains.

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Color

**XYZ(44.5732, 36.3747,
38.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	D98DA1
RGB	217, 141, 161
RGB Percent	85%, 55%, 63%
CMY	0.1490, 0.4470, 0.3686
CMYK	0.00, 0.35, 0.26, 0.15
HSL	344°, 50%, 70%
HSV	344°, 35%, 85%
XYZ	44.5732, 36.3747, 38.3900
YIQ	166.0040, 38.8760, 22.3320

Conversions

Conversions Part 2

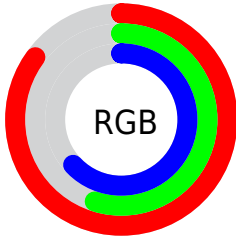
Format	Color
R _Y B	217, 141, 161
Decimal	14257569
CIE Lab	66.81, 31.54, 1.48
CIE LCh	67, 31.577, 2.679
Yxy	36.3747, 0.3735, 0.3048
Android (android.graphics.Color)	4292447649 (0xFFD98DA1)
YUV	166.0040, -2.4670, 44.7235
Hunter-Lab	60.3114, 26.3755, 4.4782

Details

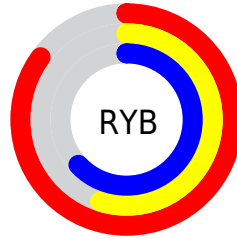
The XYZ color **44.5732, 36.3747, 38.3900** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.8770, 59.3206, 61.8584**, and the grayscale version is **36.2468, 38.1344, 41.5284**.

A 20% lighter version of the original color is **73.1498, 65.2481, 73.7045**, and **20.9678, 15.9117, 16.7180** is the 20% darker color. If you saturate the color by 10%, you get **40.3603, 30.0629, 30.4679**, and if you desaturate by 10%, it is **49.5953, 44.0157, 47.4724**.

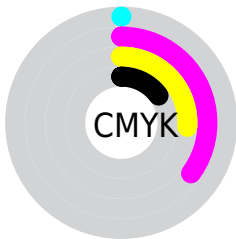
Distribution



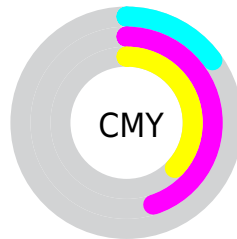
- Red (85%)
- Green (55%)
- Blue (63%)



- Red (85%)
- Yellow (55%)
- Blue (63%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (15%)





- Cyan (15%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5732, 36.3747, 38.3900 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 44.5732, 36.3747, 38.3900 by changing the saturation by 10% instead.


 44.5732, 36.3747,
38.3900

 44.5732, 36.3747,
38.3900


355.8551,
330.5953, 354.6382


 31.3212, 24.7237,
25.9813


 81.3206, 69.6100,
73.9156

 20.9966, 15.8713,
16.5840

 105.5467, 91.9631,
97.8695

 13.2340, 9.4332,
9.7796


 134.1616,
118.6524, 126.5090

 7.6680, 5.0248,
5.1494

167.5307,
150.0623, 160.2526

 3.9332, 2.2618,
2.2749

206.0192,
186.5771, 199.5187

 1.6644, 0.7534,
0.7171

249.9925,

 0.4339, 0.0000,

228.5813, 244.7261

0.0000

299.8160,
276.4593, 296.2930

■ 0.0000, 0.0000,
0.0000

■ 44.5732, 36.3747,
38.3900

■ 44.5732, 36.3747,
38.3900

■ 40.3603, 30.0629,
30.4679

■ 49.5953, 44.0157,
47.4724

■ 36.9100, 24.9990,
23.6558

■ 55.4639, 53.0510,
57.7581

■ 34.1756, 21.1006,
17.9031

■ 62.2174, 63.5474,
69.2903

■ 32.1036, 18.2731,
13.1539

■ 69.8909, 75.5660,
82.1095

■ 30.6327, 16.4070,
9.3466

■ 78.5178, 89.1643,
96.2545

■ 29.6887, 15.3690,
6.4117

■ 82.4254, 93.4918,
108.3092

■ 29.3563, 15.0481,
5.2408

Harmonies

Analogous

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



43.3833, 36.3747, 52.9335



44.5732, 36.3747, 38.3900



42.8862, 36.3747, 27.0434

Triad

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



44.5732, 36.3747, 38.3900



29.8514, 36.3747, 21.3483



30.5302, 36.3747, 67.8432

Complementary

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



44.5732, 36.3747, 38.3900



45.8770, 59.3206, 61.8584

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.



27.4103, 36.3747, 55.5575



44.5732, 36.3747, 38.3900



27.0444, 36.3747, 28.7271

Square

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



44.5732, 36.3747, 38.3900



34.1459, 36.3747, 18.7273



26.1931, 36.3747, 40.8471



35.0038, 36.3747, 72.0843

Rectangle

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



44.5732, 36.3747, 38.3900



40.4401, 36.3747, 22.1670



26.1931, 36.3747, 40.8471



29.3028, 36.3747, 64.3969

Sweetspot

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



44.5742, 36.3764, 38.3907



83.5942, 82.1303, 89.5379



45.0068, 35.8958, 70.2024



17.6143, 17.1474, 18.6875



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.



44.5742, 36.3764, 38.3907



59.6586, 45.5462, 46.7626



45.7766, 41.3812, 30.7762



13.1960, 13.1075, 14.2934



17.8079, 9.1242, 3.3687



1.1890, 0.6053, 0.4045

Inverse Universe

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



44.5742, 36.3764, 38.3907



59.6586, 45.5462, 46.7626



43.9951, 51.6434, 73.2953



13.1960, 13.1075, 14.2934



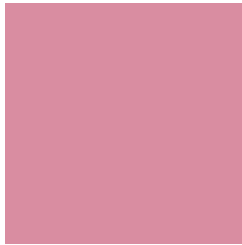
17.8079, 9.1242, 3.3687



1.1890, 0.6053, 0.4045

Previews

White Background



This preview shows how the XYZ color 44.5732, 36.3747, 38.3900 looks on a white background.

Color Contrast Check

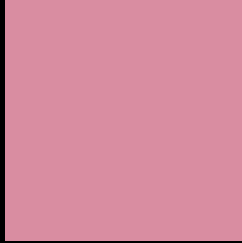
Large Text (above 18pt) WCAG AA × Fail

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 44.5732, 36.3747, 38.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

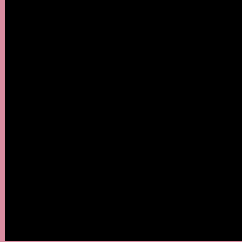
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5732, 36.3747, 38.3900

Background



This preview shows how black text looks on a background with the XYZ color 44.5732, 36.3747, 38.3900.



This preview shows how white text looks on a background with the XYZ color 44.5732, 36.3747,

38.3900.

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

44.5732, 36.3747, 38.3900

Protanopia

35.5674, 36.6443, 44.7336

Deuteranopia

37.2208, 36.6256, 37.4555



Tritanopia

43.7417, 36.2448, 34.8275

Trichromacy



Original Color

44.5732, 36.3747, 38.3900

Protanomaly

38.2455, 36.0431, 42.4774

Deuteranomaly

39.4786, 36.2971, 37.7262

Tritanomaly

43.9927, 36.3452, 36.1492

Monochromacy



Original Color

44.5732, 36.3747, 38.3900

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.7654, 37.1086, 40.2415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5732, 36.3747, 38.3900 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(217, 141, 161)` looks like.

```
.text, #text, p{  
    color:rgb(217, 141, 161)  
}
```

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(217, 141, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 141, 161) }
```

Border

The CSS property to change the border of an element to XYZ 44.5732, 36.3747, 38.3900 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(217, 141, 161) }
```


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

```
.border{ border-color:rgb(217, 141, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 141, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 141, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 141, 161);  
box-shadow:4px 4px 4px 4px rgb(217, 141,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5732, 36.3747, 38.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 141, 161) }
```

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

```
.background{ background-color: rgb(217,  
141, 161) }
```

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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