

Converting Colors

XYZ(44.6871, 35.4505, 36.4716)

Have a look what the booklet for
XYZ(44.6871, 35.4505, 36.4716)
contains.

XYZ(44.7088, 35.4148, 36.3776)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.7088, 35.4148,
36.3776)**

Conversions

Conversions Part 1

Format	Color
Hex	DD889D
RGB	221, 136, 157
RGB Percent	87%, 53%, 62%
CMY	0.1333, 0.4666, 0.3843
CMYK	0.00, 0.38, 0.29, 0.13
HSL	345°, 56%, 70%
HSV	345°, 38%, 87%
XYZ	44.7088, 35.4148, 36.3776
YIQ	163.8090, 43.9190, 24.5510

Conversions

Conversions Part 2

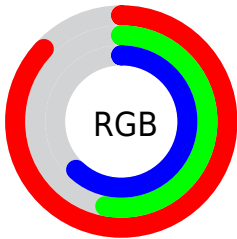
Format	Color
R _{YB}	221, 136, 157
Decimal	14518429
CIE _{Lab}	66.07, 35.10, 2.72
CIE _{LCh}	66, 35.209, 4.435
Y _{xy}	35.4148, 0.3838, 0.3040
Android (android.graphics.Color)	4292708509 (0xFFDD889D)
YUV	163.8090, -3.3568, 50.1565
Hunter-Lab	59.5103, 29.9600, 5.4143

Details

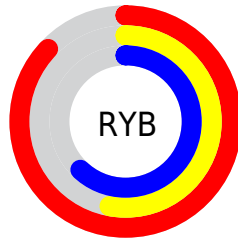
The XYZ color **44.7088, 35.4148, 36.3776** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **46.4368, 61.1182, 63.9963**, and the grayscale version is **35.1975, 37.0306, 40.3263**.

A 20% lighter version of the original color is **71.4113, 62.7901, 69.9839**, and **21.0817, 15.2738, 15.4727** is the 20% darker color. If you saturate the color by 10%, you get **40.5858, 29.2897, 28.4647**, and if you desaturate by 10%, it is **49.6689, 42.9041, 45.5251**.

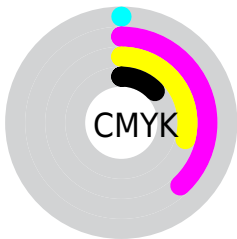
Distribution



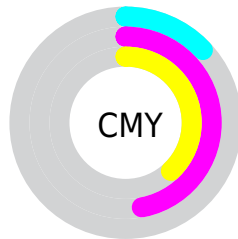
- Red (87%)
- Green (53%)
- Blue (62%)



- Red (87%)
- Yellow (53%)
- Blue (62%)



- Cyan (0%)
- Magenta (38%)
- Yellow (29%)
- Black (13%)




- Cyan (13%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.7088, 35.4148, 36.3776 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 44.7088, 35.4148, 36.3776 by changing the saturation by 10% instead.


 44.7088, 35.4148,
36.3776


 44.7088, 35.4148,
36.3776


356.3965,
326.3955, 345.6952


 31.4284, 23.9826,
24.4340


 81.5230, 68.1279,
70.7901

 21.0787, 15.3207,
15.4407


 105.7876, 90.1775,
94.0960

 13.2943, 9.0448,
8.9792


 134.4442,
116.5350, 122.0264

 7.7099, 4.7704,
4.6310

167.8583,
147.5849, 154.9999

 3.9601, 2.1132,
1.9775

206.3953,
183.7115, 193.4350

 1.6796, 0.6720,
0.5414

250.4204,

 0.4435, 0.0000,

225.2992, 237.7502

0.0000

300.2990,
272.7324, 288.3641

■ 0.0000, 0.0000,
0.0000

■ 44.7088, 35.4148,
36.3776

■ 44.7088, 35.4148,
36.3776

■ 40.5858, 29.2897,
28.4647

■ 49.6689, 42.9041,
45.5251

■ 37.2496, 24.4410,
21.7301

■ 55.5070, 51.8280,
55.9557

■ 34.6487, 20.7790,
16.1160

■ 62.2645, 62.2582,
67.7180

■ 32.7239, 18.1997,
11.5588

■ 69.9794, 74.2602,
80.8572

■ 31.4066, 16.5810,
7.9877

■ 78.6876, 87.8955,
95.4166

■ 30.5983, 15.7431,
5.3172

■ 83.6289, 94.1122,
108.3655

■ 30.4987, 15.6441,
4.9754

Harmonies

Analogous

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



43.5660, 35.4148, 52.3643



44.7088, 35.4148, 36.3776



42.6495, 35.4148, 24.4666

Triad

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



44.7088, 35.4148, 36.3776



28.2912, 35.4148, 19.3586



29.5069, 35.4148, 70.7922

Complementary

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



44.7088, 35.4148, 36.3776



46.4368, 61.1182, 63.9963

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.



26.0329, 35.4148, 57.2352



44.7088, 35.4148, 36.3776



25.3836, 35.4148, 27.4249

Square

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



44.7088, 35.4148, 36.3776



32.8895, 35.4148, 16.3928



24.6014, 35.4148, 40.8294



34.4438, 35.4148, 74.9680

Rectangle

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



44.7088, 35.4148, 36.3776



39.8516, 35.4148, 19.5652



24.6014, 35.4148, 40.8294



28.1467, 35.4148, 67.0351

Sweetspot

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



44.7098, 35.4165, 36.3783



82.5629, 80.6104, 87.5210



45.6093, 35.0756, 72.7733



17.4059, 16.8432, 18.2710



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.



44.7098, 35.4165, 36.3783



57.2305, 42.1290, 41.5173



46.3633, 41.3501, 28.8324



13.1873, 13.1040, 14.2475



17.7552, 9.1031, 3.0907



1.1846, 0.6035, 0.3810

Inverse Universe

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



44.7098, 35.4165, 36.3783



57.2305, 42.1290, 41.5173



43.8023, 51.6489, 76.0675



13.1873, 13.1040, 14.2475



17.7552, 9.1031, 3.0907



1.1846, 0.6035, 0.3810

Previews

White Background



This preview shows how the XYZ color 44.7088, 35.4148, 36.3776 looks on a white background.

Color Contrast Check

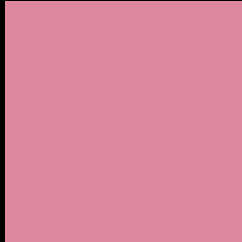
Large Text (above 18pt) WCAG AA × Fail

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 44.7088, 35.4148, 36.3776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

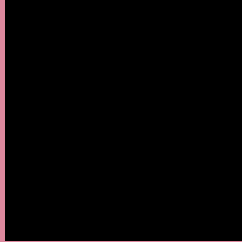
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.7088, 35.4148, 36.3776

Background



This preview shows how black text looks on a background with the XYZ color 44.7088, 35.4148, 36.3776.



This preview shows how white text looks on a background with the XYZ color 44.7088, 35.4148,

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

44.7088, 35.4148, 36.3776

Protanopia

34.6194, 35.6590, 43.5863

Deuteranopia

36.3116, 35.6937, 35.5476



Tritanopia

43.9490, 35.5307, 32.5587

Trichromacy



Original Color

44.7088, 35.4148, 36.3776

Protanomaly

37.4780, 34.9537, 40.8478

Deuteranomaly

38.9120, 35.3308, 35.7790

Tritanomaly

44.0468, 35.3413, 33.7782

Monochromacy



Original Color

44.7088, 35.4148, 36.3776

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.9962, 35.9987, 38.6640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7088, 35.4148, 36.3776 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(221, 136, 157)` looks like.

```
.text, #text, p{  
    color:rgb(221, 136, 157)  
}
```

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(221, 136, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 136, 157) }
```

Border

The CSS property to change the border of an element to XYZ 44.7088, 35.4148, 36.3776 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(221, 136, 157) }
```


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

```
.border{ border-color:rgb(221, 136, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 136, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 136, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 136, 157); box-shadow:4px 4px 4px 4px rgb(221, 136, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7088, 35.4148, 36.3776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 136, 157) }
```

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

```
.background{ background-color: rgb(221,  
136, 157) }
```

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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