

Converting Colors

XYZ(43.6954, 33.9722, 37.1847)

Have a look what the booklet for
XYZ(43.6954, 33.9722, 37.1847)
contains.

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Color

**XYZ(43.7227, 34.0658,
37.0718)**

Conversions

Conversions Part 1

Format	Color
Hex	DB849F
RGB	219, 132, 159
RGB Percent	86%, 52%, 62%
CMY	0.1412, 0.4823, 0.3765
CMYK	0.00, 0.40, 0.27, 0.14
HSL	341°, 55%, 69%
HSV	341°, 40%, 86%
XYZ	43.7227, 34.0658, 37.0718
YIQ	161.0910, 43.1850, 26.8410

Conversions

Conversions Part 2

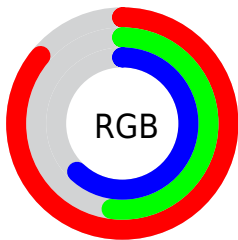
Format	Color
R _Y B	219, 132, 159
Decimal	14386335
CIE Lab	65.01, 36.77, 0.03
CIE LCh	65, 36.774, 0.039
Yxy	34.0658, 0.3807, 0.2966
Android (android.graphics.Color)	4292576415 (0xFFDB849F)
YUV	161.0910, -1.0309, 50.7862
Hunter-Lab	58.3659, 31.5764, 3.1974

Details

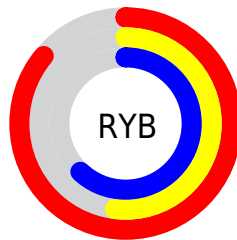
The XYZ color **43.7227, 34.0658, 37.0718** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.3632, 59.3752, 58.9946**, and the grayscale version is **33.9100, 35.6760, 38.8512**.

A 20% lighter version of the original color is **70.9365, 61.2329, 71.6987**, and **20.4757, 14.5014, 15.9072** is the 20% darker color. If you saturate the color by 10%, you get **39.8270, 28.2453, 29.6969**, and if you desaturate by 10%, it is **48.4038, 41.2003, 45.4995**.

Distribution



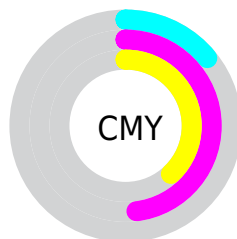
- Red (86%)
- Green (52%)
- Blue (62%)



- Red (86%)
- Yellow (52%)
- Blue (62%)



- Cyan (0%)
- Magenta (40%)
- Yellow (27%)
- Black (14%)





- Cyan (14%)
- Magenta (48%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7227, 34.0658, 37.0718 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 43.7227, 34.0658, 37.0718 by changing the saturation by 10% instead.


 43.7227, 34.0658,
37.0718


 43.7227, 34.0658,
37.0718


352.4468,
320.4254, 348.7993


 30.6495, 22.9442,
24.9669


 80.0492, 66.0360,
71.8708

 20.4826, 14.5523,
15.8336


 104.0333, 87.6533,
95.4019

 12.8567, 8.5058,
9.2534


 132.3851,
113.5380, 123.5788

 7.4062, 4.4202,
4.8078

165.4700,
144.0744, 156.8200

 3.7660, 1.9113,
2.0782

203.6532,
179.6469, 195.5442

 1.5706, 0.5552,
0.6027

247.3002,

 0.3731, 0.0000,

220.6400, 240.1697

0.0000

296.7763,
267.4380, 291.1153

■ 0.0000, 0.0000,
0.0000

■ 43.7227, 34.0658,
37.0718

■ 43.7227, 34.0658,
37.0718

■ 39.8270, 28.2453,
29.6969

■ 48.4038, 41.2003,
45.4995

■ 36.6688, 23.6528,
23.3294

■ 53.9089, 49.7179,
55.0186

■ 34.1992, 20.2002,
17.9232

■ 60.2772, 59.6886,
65.6683

■ 32.3617, 17.7848,
13.4275

■ 67.5447, 71.1764,
77.4851

■ 31.0901, 16.2854,
9.7858

■ 75.7452, 84.2412,
90.5039

■ 30.2750, 15.4952,
6.9243

■ 82.1703, 93.4588,
103.8443

■ 30.2556, 15.4770,
6.8548

■ 83.0235, 93.8001,
108.3372

Harmonies

Analogous

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



42.0739, 34.0658, 53.7301



43.7227, 34.0658, 37.0718



42.0655, 34.0658, 24.2746

Triad

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



43.7227, 34.0658, 37.0718



27.5231, 34.0658, 17.0720



27.5340, 34.0658, 68.7018

Complementary

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



43.7227, 34.0658, 37.0718



44.3632, 59.3752, 58.9946

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.



24.3061, 34.0658, 53.7747



43.7227, 34.0658, 37.0718



24.3003, 34.0658, 24.3008

Square

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



43.7227, 34.0658, 37.0718



32.3715, 34.0658, 14.8321



23.1888, 34.0658, 37.1119



32.3855, 34.0658, 74.7769

Rectangle

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



43.7227, 34.0658, 37.0718



39.4027, 34.0658, 18.8637



23.1888, 34.0658, 37.1119



26.2430, 34.0658, 64.3824

Sweetspot

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



43.7236, 34.0674, 37.0725



82.8395, 80.7211, 88.9778



42.6380, 32.7536, 71.0929



17.4707, 16.8692, 18.6120



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.



43.7236, 34.0674, 37.0725



56.8837, 40.8501, 43.2061



43.9616, 37.8918, 26.8287



13.2216, 13.1177, 14.4283



17.9835, 9.1944, 4.2932



1.2031, 0.6109, 0.4787

Inverse Universe

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



43.7236, 34.0674, 37.0725



56.8837, 40.8501, 43.2061



43.6709, 52.7566, 74.8994



13.2216, 13.1177, 14.4283



17.9835, 9.1944, 4.2932



1.2031, 0.6109, 0.4787

Previews

White Background



This preview shows how the XYZ color 43.7227, 34.0658, 37.0718 looks on a white background.

Color Contrast Check

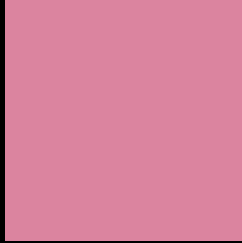
Large Text (above 18pt) WCAG AA × Fail

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 43.7227, 34.0658, 37.0718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

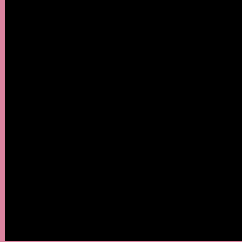
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7227, 34.0658, 37.0718

Background



This preview shows how black text looks on a background with the XYZ color 43.7227, 34.0658, 37.0718.



This preview shows how white text looks on a background with the XYZ color 43.7227, 34.0658,

37.0718.

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

43.7227, 34.0658, 37.0718

Protanopia

33.4073, 34.2379, 44.8922

Deuteranopia

34.7632, 34.1477, 35.7693



Tritanopia

42.6882, 34.2777, 31.1544

Trichromacy



Original Color

43.7227, 34.0658, 37.0718

Protanomaly

36.3417, 33.6281, 42.1116

Deuteranomaly

37.3614, 33.5982, 35.9684

Tritanomaly

42.9436, 34.1576, 33.1839

Monochromacy



Original Color

43.7227, 34.0658, 37.0718

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.5429, 34.2958, 37.9514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7227, 34.0658, 37.0718 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(219, 132, 159)` looks like.

```
.text, #text, p{  
    color:rgb(219, 132, 159)  
}
```

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(219, 132, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 132, 159) }
```

Border

The CSS property to change the border of an element to XYZ 43.7227, 34.0658, 37.0718 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(219, 132, 159) }
```


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

```
.border{ border-color:rgb(219, 132, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 132, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 132, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 132, 159);  
box-shadow:4px 4px 4px 4px rgb(219, 132,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7227, 34.0658, 37.0718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 132, 159) }
```

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

```
.background{ background-color: rgb(219,  
132, 159) }
```

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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