

Converting Colors

XYZ(47.7700, 40.0709, 37.3068)

Have a look what the booklet for
XYZ(47.7700, 40.0709, 37.3068)
contains.

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Color

**XYZ(47.7326, 40.0943,
37.1215)**

Conversions

Conversions Part 1

Format	Color
Hex	E0969D
RGB	224, 150, 157
RGB Percent	88%, 59%, 62%
CMY	0.1216, 0.4117, 0.3843
CMYK	0.00, 0.33, 0.30, 0.12
HSL	354°, 54%, 73%
HSV	354°, 33%, 88%
XYZ	47.7326, 40.0943, 37.1215
YIQ	172.9240, 41.8570, 17.8650

Conversions

Conversions Part 2

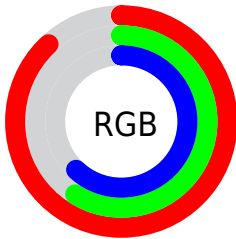
Format	Color
RYB	224, 150, 157
Decimal	14718621
CIELab	69.54, 28.74, 7.76
CIELCh	70, 29.768, 15.109
Yxy	40.0943, 0.3820, 0.3209
Android (android.graphics.Color)	4292908701 (0xFFE0969D)
YUV	172.9240, -7.8505, 44.7937
Hunter-Lab	63.3201, 23.7487, 9.5652

Details

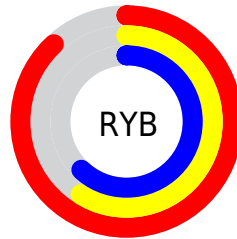
The XYZ color **47.7326, 40.0943, 37.1215** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.7594, 64.8060, 75.4297**, and the grayscale version is **39.7065, 41.7743, 45.4923**.

A 20% lighter version of the original color is **74.8292, 69.6258, 71.1232**, and **22.9056, 17.9915, 15.9011** is the 20% darker color. If you saturate the color by 10%, you get **42.9036, 32.9811, 27.6660**, and if you desaturate by 10%, it is **53.5345, 48.6927, 48.3203**.

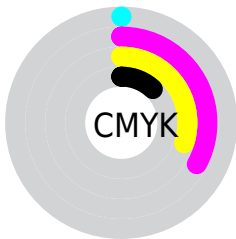
Distribution



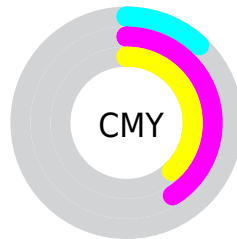
- Red (88%)
- Green (59%)
- Blue (62%)



- Red (88%)
- Yellow (59%)
- Blue (62%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (12%)





- Cyan (12%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7326, 40.0943, 37.1215 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 47.7326, 40.0943, 37.1215 by changing the saturation by 10% instead.


 47.7326, 40.0943,
37.1215


 47.7326, 40.0943,
37.1215


368.3315,
346.5209, 349.0208

 33.8255, 27.6121,
25.0051

 86.0182, 75.3071,
71.9480

 22.9219, 18.0334,
15.8618


 111.1275, 98.8064,
95.4952

 14.6562, 10.9740,
9.2731


140.7016,
126.7470, 123.6897

 8.6632, 6.0494,
4.8205

175.1059,
159.5130, 156.9500

 4.5775, 2.8751,
2.0854

214.7056,
197.4891, 195.6947

 2.0338, 1.0669,
0.6071

259.8663,

 0.6528, 0.0000,

241.0595, 240.3424

0.0000

310.9531,
290.6086, 291.3116

■ 0.0000, 0.0000,
0.0000

■ 47.7326, 40.0943,
37.1215

■ 47.7326, 40.0943,
37.1215

■ 42.9036, 32.9811,
27.6660

■ 53.5345, 48.6927,
48.3203

■ 38.9909, 27.2636,
19.8638

■ 60.3552, 58.8478,
61.3416

■ 35.9374, 22.8515,
13.6202

■ 68.2415, 70.6332,
76.2624

■ 33.6778, 19.6417,
8.8303

■ 77.2365, 84.1164,
93.1548

■ 32.1376, 17.5154,
5.3759

■ 84.5505, 94.5873,
108.4086

■ 31.2280, 16.3295,
3.1201

■ 30.8775, 15.9021,
2.1601

Harmonies

Analogous

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



47.7431, 40.0943, 50.8079



47.7326, 40.0943, 37.1215



45.0013, 40.0943, 27.4781

Triad

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



47.7326, 40.0943, 37.1215



31.9360, 40.0943, 27.5303



35.7852, 40.0943, 74.5114

Complementary

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



47.7326, 40.0943, 37.1215



51.7594, 64.8060, 75.4297

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.



31.9580, 40.0943, 65.1900



47.7326, 40.0943, 37.1215



29.8658, 40.0943, 37.2087

Square

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



47.7326, 40.0943, 37.1215



35.7527, 40.0943, 22.7845



29.8735, 40.0943, 50.9153



40.5654, 40.0943, 74.4742

Rectangle

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



47.7326, 40.0943, 37.1215



42.1271, 40.0943, 23.7986



29.8735, 40.0943, 50.9153



34.3539, 40.0943, 72.2946

Sweetspot

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



47.7337, 40.0962, 37.1223



83.9507, 83.3969, 87.9500



52.8586, 41.8870, 75.8202



17.6605, 17.3899, 18.2401



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.



47.7337, 40.0962, 37.1223



59.2101, 46.6740, 40.3711



52.4873, 50.5322, 35.8439



13.7596, 13.7215, 14.5043



17.9915, 9.2636, 1.3552



1.2654, 0.6494, 0.1902

Inverse Universe

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



47.7337, 40.0962, 37.1223



59.2101, 46.6740, 40.3711



45.4148, 50.6293, 77.8999



13.7596, 13.7215, 14.5043



17.9915, 9.2636, 1.3552



1.2654, 0.6494, 0.1902

Previews

White Background



This preview shows how the XYZ color 47.7326, 40.0943, 37.1215 looks on a white background.

Color Contrast Check

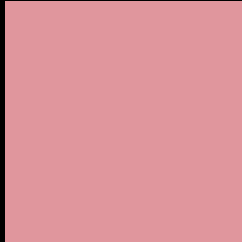
Large Text (above 18pt) WCAG AA × Fail

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 47.7326, 40.0943, 37.1215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

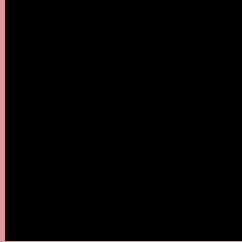
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7326, 40.0943, 37.1215

Background



This preview shows how black text looks on a background with the XYZ color 47.7326, 40.0943, 37.1215.



This preview shows how white text looks on a background with the XYZ color 47.7326, 40.0943,

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

47.7326, 40.0943, 37.1215

Protanopia

38.7114, 40.2018, 42.7652

Deuteranopia

40.8464, 40.0905, 36.1572



Tritanopia

47.9209, 39.9154, 38.8969

Trichromacy



Original Color

47.7326, 40.0943, 37.1215

Protanomaly

41.3594, 39.7275, 40.6103

Deuteranomaly

43.2164, 40.0002, 36.4534

Tritanomaly

47.8331, 39.8803, 38.4343

Monochromacy



Original Color

47.7326, 40.0943, 37.1215

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.1684, 40.9068, 42.2325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7326, 40.0943, 37.1215 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(224, 150, 157)` looks like.

```
.text, #text, p{  
    color:rgb(224, 150, 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(224, 150, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 150, 157) }
```

Border

The CSS property to change the border of an element to XYZ 47.7326, 40.0943, 37.1215 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(224, 150, 157) }
```


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

```
.border{ border-color:rgb(224, 150, 157) }
```

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

Here you see how a box with a 4 pixel rgb(224, 150, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 150, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 150, 157);  
box-shadow:4px 4px 4px 4px rgb(224, 150,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7326, 40.0943, 37.1215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 150, 157) }
```

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

```
.background{ background-color: rgb(224,  
150, 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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