

Converting Colors

XYZ(37.2946, 29.8303, 29.3197)

Have a look what the booklet for
XYZ(37.2946, 29.8303, 29.3197)
contains.

XYZ(37.2452, 29.7121, 29.3632)	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(37.2452, 29.7121,
29.3632)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7E8E
RGB	204, 126, 142
RGB Percent	80%, 49%, 56%
CMY	0.2000, 0.5059, 0.4431
CMYK	0.00, 0.38, 0.30, 0.20
HSL	348°, 43%, 65%
HSV	348°, 38%, 80%
XYZ	37.2452, 29.7121, 29.3632
YIQ	151.1460, 41.3520, 21.5120

Conversions

Conversions Part 2

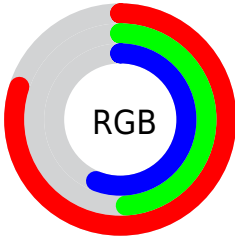
Format	Color
RYB	204, 126, 142
Decimal	13401742
CIELab	61.41, 32.24, 4.24
CIELCh	61, 32.523, 7.495
Yxy	29.7121, 0.3867, 0.3085
Android (android.graphics.Color)	4291591822 (0xFFCC7E8E)
YUV	151.1460, -4.5090, 46.3530
Hunter-Lab	54.5088, 26.5765, 6.2174

Details

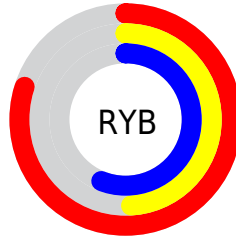
The XYZ color **37.2452, 29.7121, 29.3632** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2755, 51.2529, 55.4024**, and the grayscale version is **29.4850, 31.0205, 33.7813**.

A 20% lighter version of the original color is **67.5251, 57.8880, 59.8391**, and **16.6606, 12.1008, 11.5828** is the 20% darker color. If you saturate the color by 10%, you get **33.7674, 24.5651, 22.6277**, and if you desaturate by 10%, it is **41.4337, 35.9965, 37.2101**.

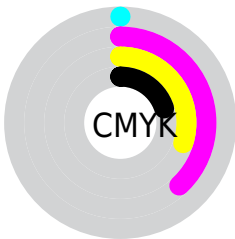
Distribution



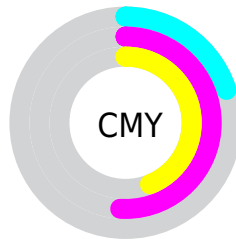
- Red (80%)
- Green (49%)
- Blue (56%)



- Red (80%)
- Yellow (49%)
- Blue (56%)



- Cyan (0%)
- Magenta (38%)
- Yellow (30%)
- Black (20%)





- Cyan (20%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2452, 29.7121, 29.3632 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 37.2452, 29.7121, 29.3632 by changing the saturation by 10% instead.


 37.2452, 29.7121,
29.3632


 37.2452, 29.7121,
29.3632


325.7080,
300.5602, 313.0392


 25.5719, 19.6202,
19.1078


 70.2611, 59.2066,
59.7027

 16.6347, 12.1192,
11.5706


 92.3345, 79.3779,
80.6239

 10.0681, 6.8249,
6.3330


 118.6053,
103.6779, 105.9374

 5.5067, 3.3529,
2.9766

149.4389,
132.4908, 136.0618

 2.5853, 1.3186,
1.0827

185.2006,
166.2011, 171.4157

 0.9385, 0.1555,
0.0000

226.2558,

 0.0000, 0.0000,

205.1931, 212.4175

0.0000

272.9698,
249.8514, 259.4858

■ 37.2452, 29.7121,
29.3632

■ 37.2452, 29.7121,
29.3632

■ 33.7674, 24.5651,
22.6277

■ 41.4337, 35.9965,
37.2101

■ 30.9576, 20.4832,
16.9510

■ 46.3673, 43.4766,
46.2144

■ 28.7725, 17.3923,
12.2784

■ 52.0813, 52.2115,
56.4213

■ 27.1621, 15.2069,
8.5500

■ 58.6078, 62.2555,
67.8733

■ 26.0688, 13.8269,
5.6984

■ 65.9772, 73.6594,
80.6107

■ 25.4090, 13.1028,
3.6427

■ 74.2183, 86.4716,
94.6719

■ 25.3169, 13.0034,
3.3508

■ 78.7119, 91.5774,
108.1354

Harmonies

Analogous

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



36.5778, 29.7121, 42.2750



37.2452, 29.7121, 29.3632



35.3126, 29.7121, 19.9847

Triad

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



37.2452, 29.7121, 29.3632



23.5059, 29.7121, 16.9805



25.1959, 29.7121, 59.4906

Complementary

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



37.2452, 29.7121, 29.3632



39.2755, 51.2529, 55.4024

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.



22.1818, 29.7121, 48.9893



37.2452, 29.7121, 29.3632



21.2773, 29.7121, 24.1167

Square

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



37.2452, 29.7121, 29.3632



27.1768, 29.7121, 14.1113



20.8184, 29.7121, 35.5358



29.3315, 29.7121, 61.9231

Rectangle

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



37.2452, 29.7121, 29.3632



32.9148, 29.7121, 16.2234



20.8184, 29.7121, 35.5358



24.0310, 29.7121, 56.6783

Sweetspot

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



37.2460, 29.7135, 29.3638



83.3609, 82.0370, 88.3094



38.8790, 29.8603, 60.8413



17.5591, 17.1253, 18.3966



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.



37.2460, 29.7135, 29.3638



56.7854, 41.9510, 39.1734



39.2744, 35.5563, 24.5336



11.3049, 11.2507, 12.1400



15.9622, 8.1954, 2.2534



0.8516, 0.4340, 0.2642

Inverse Universe

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



37.2460, 29.7135, 29.3638



56.7854, 41.9510, 39.1734



36.2119, 42.2113, 63.3659



11.3049, 11.2507, 12.1400



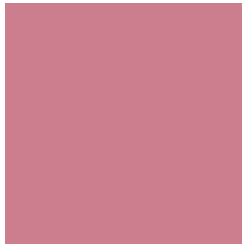
15.9622, 8.1954, 2.2534



0.8516, 0.4340, 0.2642

Previews

White Background



This preview shows how the XYZ color 37.2452, 29.7121, 29.3632 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 37.2452, 29.7121, 29.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

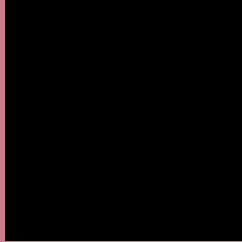
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.2452, 29.7121, 29.3632

Background



This preview shows how black text looks on a background with the XYZ color 37.2452, 29.7121, 29.3632.



This preview shows how white text looks on a background with the XYZ color 37.2452, 29.7121,

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

37.2452, 29.7121, 29.3632

Protanopia

29.0003, 29.9969, 34.8334

Deuteranopia

30.5698, 30.0261, 28.6105



Tritanopia

36.6619, 29.6528, 27.0838

Trichromacy



Original Color

37.2452, 29.7121, 29.3632

Protanomaly

31.4607, 29.5042, 32.8909

Deuteranomaly

32.5017, 29.4881, 28.7897

Tritanomaly

36.8054, 29.7102, 27.8395

Monochromacy



Original Color

37.2452, 29.7121, 29.3632

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.5959, 30.0302, 32.1481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2452, 29.7121, 29.3632 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(204, 126, 142)` looks like.

```
.text, #text, p{  
    color:rgb(204, 126, 142)  
}
```

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(204, 126, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 126, 142) }
```

Border

The CSS property to change the border of an element to XYZ 37.2452, 29.7121, 29.3632 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(204, 126, 142) }
```


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

```
.border{ border-color:rgb(204, 126, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 126, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 126, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 126, 142);  
box-shadow:4px 4px 4px 4px rgb(204, 126,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2452, 29.7121, 29.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 126, 142) }
```

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

```
.background{ background-color: rgb(204,  
126, 142) }
```

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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