

Converting Colors

XYZ(28.2872, 38.7133, 24.0707)

Have a look what the booklet for
XYZ(28.2872, 38.7133, 24.0707)
contains.

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Color

**XYZ(28.2872, 38.7133,
24.0707)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB579
RGB	124, 181, 121
RGB Percent	49%, 71%, 47%
CMY	0.5137, 0.2902, 0.5255
CMYK	0.31, 0.00, 0.33, 0.29
HSL	117°, 29%, 59%
HSV	117°, 33%, 71%
XYZ	28.2872, 38.7133, 24.0707
YIQ	157.1170, -14.7120, -30.7440

Conversions

Conversions Part 2

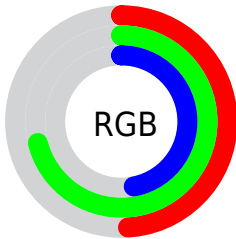
Format	Color
RYB	121, 181, 178
Decimal	8172921
CIELab	68.54, -30.58, 24.83
CIElCh	69, 39.395, 140.925
Yxy	38.7133, 0.3106, 0.4251
Android (android.graphics.Color)	4286363001 (0xFF7CB579)
YUV	157.1170, -17.8057, -29.0436
Hunter-Lab	62.2200, -27.7332, 20.6168

Details

The XYZ color **28.2872, 38.7133, 24.0707** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **33.5398, 26.4772, 47.0610**, and the grayscale version is **32.1836, 33.8597, 36.8732**.

A 20% lighter version of the original color is **56.2843, 73.0893, 51.1856**, and **11.5614, 17.2839, 8.8577** is the 20% darker color. If you saturate the color by 10%, you get **25.0078, 37.1403, 18.6568**, and if you desaturate by 10%, it is **32.2102, 40.5963, 30.6035**.

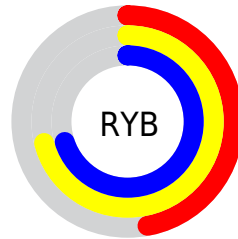
Distribution



Red (49%)

Green (71%)

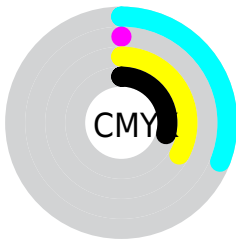
Blue (47%)



Red (47%)

Yellow (71%)

Blue (70%)

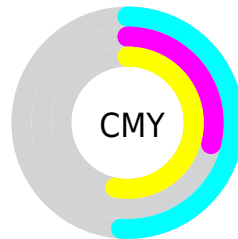


Cyan (31%)

Magenta (0%)

Yellow (33%)

Black (29%)



Cyan (51%)


Magenta (29%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2872, 38.7133, 24.0707 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 28.2872, 38.7133, 24.0707 by changing the saturation by 10% instead.


 28.2872, 38.7133,
24.0707


 28.2872, 38.7133,
24.0707


285.8920,
340.6700, 286.4758


 18.6838, 26.5368,
15.1734


 56.3481, 73.2001,
51.0908

 11.5447, 17.2256,
8.7932


 75.5363, 96.2792,
70.0507

 6.5044, 10.3955,
4.5116


 98.6502, 123.7613,
93.2019

 3.1977, 5.6620,
1.9100

126.0551,
156.0307, 120.9629

 1.2592, 2.6406,
0.4991

158.1164,
193.4719, 153.7522

 0.1523, 0.9471,
0.0000

195.1994,

 0.0000, 0.0000,

236.4693, 191.9885

0.0000

237.6695,
285.4072, 236.0901

■ 28.2872, 38.7133,
24.0707

■ 28.2872, 38.7133,
24.0707

■ 25.0078, 37.1403,
18.6568

■ 32.2102, 40.5963,
30.6035

■ 22.3349, 35.8561,
14.2967

■ 36.8056, 42.7995,
38.3103

■ 20.2322, 34.8446,
10.9226


■ 42.1038, 45.3385,
47.2458


■ 18.6581, 34.0861,
8.4576


■ 48.1326, 48.2266,
57.4602


■ 17.5655, 33.5581,
6.8136


■ 54.9183, 51.4764,
69.0011

 16.8991, 33.2344,
5.8850

 62.4860, 55.0997,
81.9138

 16.6379, 33.1077,
5.5135

 70.8593, 59.1079,
96.2411

 75.8147, 61.5293,
102.4882

Harmonies

Analogous

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



32.6962, 38.7133, 17.6097



28.2872, 38.7133, 24.0707



26.2248, 38.7133, 36.9881

Triad

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



28.2872, 38.7133, 24.0707



34.9455, 38.7133, 85.7102



49.1060, 38.7133, 31.0862

Complementary

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



28.2872, 38.7133, 24.0707



33.5398, 26.4772, 47.0610

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.



49.8830, 38.7133, 47.7759



28.2872, 38.7133, 24.0707



41.2246, 38.7133, 82.8124

Square

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



28.2872, 38.7133, 24.0707



29.7745, 38.7133, 74.6411



46.8595, 38.7133, 67.5739



44.8423, 38.7133, 20.7972

Rectangle

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



28.2872, 38.7133, 24.0707



26.2782, 38.7133, 48.9671



46.8595, 38.7133, 67.5739



49.8011, 38.7133, 36.0009

Sweetspot

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



28.2882, 38.7149, 24.0716



68.6109, 77.9416, 73.1481



38.4294, 43.0470, 24.3732



14.5562, 16.7151, 15.3501



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.2882, 38.7149, 24.0716



46.1402, 67.1645, 35.6380



29.7556, 39.2526, 34.0263



8.4270, 9.5097, 9.0439



11.4869, 22.8318, 3.8016



0.3744, 0.7251, 0.1202

Inverse Universe

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



33.5398, 26.4772, 47.0610



57.0316, 41.7623, 83.3496



31.7275, 25.8326, 33.8871



8.8072, 8.6247, 10.7069



17.4893, 8.3519, 30.8273



0.5630, 0.2693, 0.9706

Previews

White Background



This preview shows how the XYZ color 28.2872, 38.7133, 24.0707 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 28.2872, 38.7133, 24.0707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

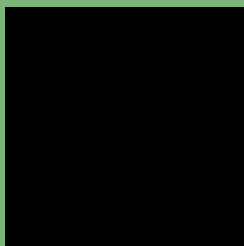
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

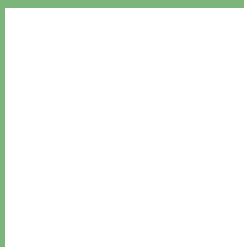
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2872, 38.7133, 24.0707

Background



This preview shows how black text looks on a background with the XYZ color 28.2872, 38.7133, 24.0707.



This preview shows how white text looks on a background with the XYZ color 28.2872, 38.7133,

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

28.2872, 38.7133, 24.0707

Protanopia

35.5531, 38.2135, 21.7218

Deuteranopia

39.1017, 38.3837, 25.0866



Tritanopia

34.0666, 38.7092, 52.6898

Trichromacy



Original Color

28.2872, 38.7133, 24.0707

Protanomaly

32.2710, 37.8838, 22.4411

Deuteranomaly

34.2183, 38.0065, 24.6013

Tritanomaly

31.6519, 38.6005, 40.4327

Monochromacy



Original Color

28.2872, 38.7133, 24.0707

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.3473, 35.3058, 31.6008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2872, 38.7133, 24.0707 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(124, 181, 121)` looks like.

```
.text, #text, p{  
    color:rgb(124, 181, 121)  
}
```

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(124, 181, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 181, 121) }
```

Border

The CSS property to change the border of an element to XYZ 28.2872, 38.7133, 24.0707 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(124, 181, 121) }
```


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

```
.border{ border-color:rgb(124, 181, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 181, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 181, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 181, 121);  
box-shadow:4px 4px 4px 4px rgb(124, 181,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2872, 38.7133, 24.0707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 181, 121) }
```

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

```
.background{ background-color: rgb(124,  
181, 121) }
```

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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