

Converting Colors

XYZ(34.3029, 27.7988, 24.8511)

Have a look what the booklet for
XYZ(34.3029, 27.7988, 24.8511)
contains.

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Color

**XYZ(34.1382, 27.6479,
24.6564)**

Conversions

Conversions Part 1

Format	Color
Hex	C57B82
RGB	197, 123, 130
RGB Percent	77%, 48%, 51%
CMY	0.2274, 0.5176, 0.4902
CMYK	0.00, 0.38, 0.34, 0.23
HSL	354°, 39%, 63%
HSV	354°, 38%, 77%
XYZ	34.1382, 27.6479, 24.6564
YIQ	145.9240, 41.8570, 17.8650

Conversions

Conversions Part 2

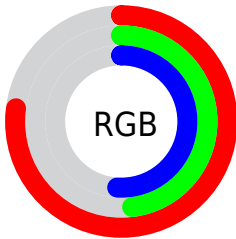
Format	Color
RYB	197, 123, 130
Decimal	12942210
CIELab	59.57, 29.69, 8.39
CIELCh	60, 30.849, 15.777
Yxy	27.6479, 0.3949, 0.3198
Android (android.graphics.Color)	4291132290 (0xFFC57B82)
YUV	145.9240, -7.8505, 44.7937
Hunter-Lab	52.5813, 23.8733, 9.0046

Details

The XYZ color **34.1382, 27.6479, 24.6564** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.4302, 47.8619, 55.9832**, and the grayscale version is **27.3102, 28.7325, 31.2897**.

A 20% lighter version of the original color is **65.3126, 55.7296, 52.1143**, and **14.8523, 11.0219, 9.1292** is the 20% darker color. If you saturate the color by 10%, you get **30.8404, 22.8051, 18.1534**, and if you desaturate by 10%, it is **38.1368, 33.5598, 32.4176**.

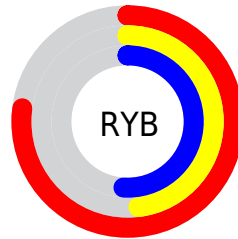
Distribution



Red (77%)

Green (48%)

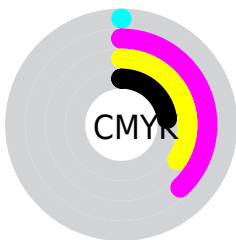
Blue (51%)



Red (77%)

Yellow (48%)

Blue (51%)

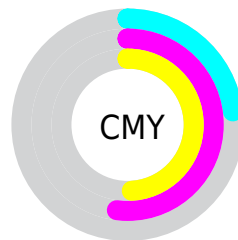


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (23%)



Cyan (23%)


Magenta (52%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1382, 27.6479, 24.6564 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 34.1382, 27.6479, 24.6564 by changing the saturation by 10% instead.


 34.1382, 27.6479,
24.6564


 34.1382, 27.6479,
24.6564


312.3229,
290.7806, 289.5151


 23.1632, 18.0604,
15.6046

 65.4914, 55.9218,
52.0564

 14.8354, 10.9934,
9.0935


 86.6003, 75.3770,
71.2417

 8.7895, 6.0624,
4.7045


 111.8178, 98.8902,
94.6419

 4.6601, 2.8830,
2.0193

141.5094,
126.8459, 122.6755

 2.0820, 1.0710,
0.5671

176.0403,
159.6284, 155.7611

 0.6794, 0.0000,
0.0000

215.7760,

 0.0000, 0.0000,

197.6220, 194.3172

0.0000

261.0817,
241.2113, 238.7624

■ 34.1382, 27.6479,
24.6564

■ 34.1382, 27.6479,
24.6564

■ 30.8404, 22.8051,
18.1534

■ 38.1368, 33.5598,
32.4176

■ 28.2008, 18.9639,
12.8406

■ 42.8711, 40.5953,
41.4968

■ 26.1756, 16.0551,
8.6462


■ 48.3763, 48.8096,
51.9519


■ 24.7148, 13.9992,
5.4899


■ 54.6848, 58.2536,
63.8368


■ 23.7602, 12.7034,
3.2805


■ 61.8271, 68.9748,
77.2027

 23.2326, 12.0364,
1.9081

 69.8319, 81.0184,
92.0981

 23.1404, 11.9161,
1.6799

 76.8140, 90.6016,
107.9317

 76.8360, 90.6104,
108.0476

Harmonies

Analogous

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



34.2006, 27.6479, 35.6693



34.1382, 27.6479, 24.6564



31.8374, 27.6479, 17.2334

Triad

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



34.1382, 27.6479, 24.6564



21.2829, 27.6479, 17.5175



24.4864, 27.6479, 55.9521

Complementary

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



34.1382, 27.6479, 24.6564



37.4302, 47.8619, 55.9832

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.



21.4075, 27.6479, 48.1743



34.1382, 27.6479, 24.6564



19.6852, 27.6479, 25.1498

Square

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



34.1382, 27.6479, 24.6564



24.3004, 27.6479, 13.8590



19.7285, 27.6479, 36.2998



28.3612, 27.6479, 55.7256

Rectangle

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



34.1382, 27.6479, 24.6564



29.4624, 27.6479, 14.5112



19.7285, 27.6479, 36.2998



23.3326, 27.6479, 54.1174

Sweetspot

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



34.1389, 27.6492, 24.6569



82.9225, 81.8617, 86.0006



38.2973, 29.0942, 56.4207



17.4554, 17.0839, 17.8508



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.



34.1389, 27.6492, 24.6569



56.2486, 42.3269, 34.5257



37.9279, 35.9533, 23.6812



10.6739, 10.6530, 11.2662



15.2346, 7.8434, 1.1791



0.7356, 0.3771, 0.1309

Inverse Universe

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



34.1389, 27.6492, 24.6569



56.2486, 42.3269, 34.5257



32.1397, 36.0276, 58.0836



10.6739, 10.6530, 11.2662



15.2346, 7.8434, 1.1791



0.7356, 0.3771, 0.1309

Previews

White Background



This preview shows how the XYZ color 34.1382, 27.6479, 24.6564 looks on a white background.

Color Contrast Check

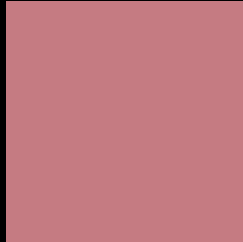
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1382, 27.6479, 24.6564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

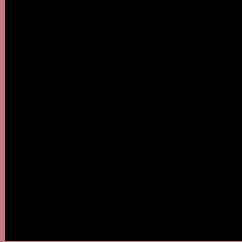
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.1382, 27.6479, 24.6564

Background



This preview shows how black text looks on a background with the XYZ color 34.1382, 27.6479, 24.6564.



This preview shows how white text looks on a background with the XYZ color 34.1382, 27.6479,

24.6564.

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

34.1382, 27.6479, 24.6564

Protanopia

26.6628, 27.7711, 29.1544

Deuteranopia

28.3732, 27.8901, 23.9666



Tritanopia

34.2738, 27.7022, 25.3704

Trichromacy



Original Color

34.1382, 27.6479, 24.6564

Protanomaly

28.8366, 27.4138, 27.4385

Deuteranomaly

30.1883, 27.5637, 24.1513

Tritanomaly

34.2057, 27.6749, 25.0117

Monochromacy



Original Color

34.1382, 27.6479, 24.6564

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.3392, 28.0697, 28.6826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1382, 27.6479, 24.6564 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(197, 123, 130)` looks like.

```
.text, #text, p{  
    color:rgb(197, 123, 130)  
}
```

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(197, 123, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 123, 130) }
```

Border

The CSS property to change the border of an element to XYZ 34.1382, 27.6479, 24.6564 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(197, 123, 130) }
```


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

```
.border{ border-color:rgb(197, 123, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 123, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 123, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 123, 130);  
box-shadow:4px 4px 4px 4px rgb(197, 123,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1382, 27.6479, 24.6564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 123, 130) }
```

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

```
.background{ background-color: rgb(197,  
123, 130) }
```

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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