

Converting Colors

XYZ(32.3820, 30.9169, 24.1678)

Have a look what the booklet for
XYZ(32.3820, 30.9169, 24.1678)
contains.

XYZ(32.4107, 30.8546, 23.9860)	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(32.4107, 30.8546,
23.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	B48F7E
RGB	180, 143, 126
RGB Percent	71%, 56%, 49%
CMY	0.2941, 0.4392, 0.5059
CMYK	0.00, 0.21, 0.30, 0.29
HSL	19°, 26%, 60%
HSV	19°, 30%, 71%
XYZ	32.4107, 30.8546, 23.9860
YIQ	152.1250, 27.5090, 2.5570

Conversions

Conversions Part 2

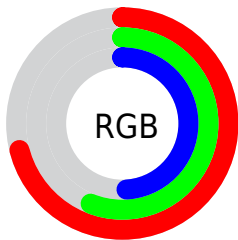
Format	Color
RYB	180, 151, 126
Decimal	11833214
CIELab	62.38, 11.45, 14.36
CIELCh	62, 18.365, 51.421
Yxy	30.8546, 0.3715, 0.3536
Android (android.graphics.Color)	4290023294 (0xFFB48F7E)
YUV	152.1250, -12.8796, 24.4464
Hunter-Lab	55.5469, 6.9447, 13.2805

Details

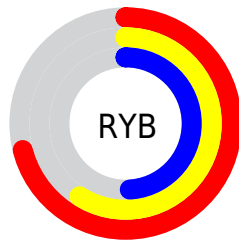
The XYZ color **32.4107, 30.8546, 23.9860** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.9391, 33.9241, 48.1500**, and the grayscale version is **29.9452, 31.5047, 34.3086**.

A 20% lighter version of the original color is **63.0280, 61.1917, 51.1371**, and **13.8581, 12.8001, 8.7615** is the 20% darker color. If you saturate the color by 10%, you get **29.6016, 26.9309, 17.8257**, and if you desaturate by 10%, it is **35.6340, 35.2719, 31.3161**.

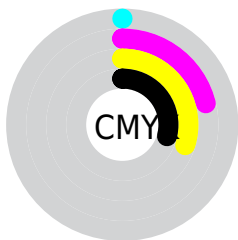
Distribution



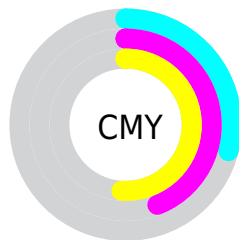
- Red (71%)
- Green (56%)
- Blue (49%)



- Red (71%)
- Yellow (59%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (29%)




- Cyan (29%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4107, 30.8546, 23.9860 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 32.4107, 30.8546, 23.9860 by changing the saturation by 10% instead.


 32.4107, 30.8546,
23.9860


 32.4107, 30.8546,
23.9860


304.6980,
305.8679, 286.0340


 21.8325, 20.4882,
15.1111


 62.8152, 61.0111,
50.9509

 13.8498, 12.7504,
8.7499


 83.3723, 81.5699,
69.8780

 8.0972, 7.2569,
4.4839


 107.9862,
106.2950, 92.9929

 4.2096, 3.6233,
1.8944

137.0225,
135.5707, 120.7143

 1.8214, 1.4651,
0.4891

170.8465,
169.7815, 153.4605

 0.5305, 0.2640,
0.0000

209.8235,

 0.0000, 0.0000,

209.3116, 191.6501

0.0000

254.3189,
254.5457, 235.7018

■ 32.4107, 30.8546,
23.9860

■ 32.4107, 30.8546,
23.9860

■ 29.6016, 26.9309,
17.8257

■ 35.6340, 35.2719,
31.3161

■ 27.1865, 23.4788,
12.7721

■ 39.2856, 40.1951,
39.8708

■ 25.1470, 20.4811,
8.7590

■ 43.3821, 45.6414,
49.7039

■ 23.4623, 17.9177,
5.7121

■ 47.9383, 51.6261,
60.8650

■ 22.1089, 15.7669,
3.5472

■ 52.9684, 58.1636,
73.4015

■ 21.0605, 14.0048,
2.1655

■ 58.4858, 65.2679,
87.3582

■ 20.2698, 12.5981,
1.3634

■ 64.5036, 72.9523,
102.7779

■ 20.2697, 12.5980,
1.3633

■ 68.5236, 80.2258,
106.4813

■ 72.3118, 87.8023,
107.7440

Harmonies

Analogous

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



34.0072, 30.8546, 28.8377



32.4107, 30.8546, 23.9860



30.0456, 30.8546, 21.7912

Triad

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



32.4107, 30.8546, 23.9860



24.8474, 30.8546, 31.5935



31.1078, 30.8546, 48.0258

Complementary

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



32.4107, 30.8546, 23.9860



29.9391, 33.9241, 48.1500

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.



28.6188, 30.8546, 49.0389



32.4107, 30.8546, 23.9860



25.0961, 30.8546, 38.8496

Square

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



32.4107, 30.8546, 23.9860



25.7446, 30.8546, 25.7582



26.4442, 30.8546, 45.4795



33.2259, 30.8546, 42.8801

Rectangle

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



32.4107, 30.8546, 23.9860



28.3896, 30.8546, 21.8797



26.4442, 30.8546, 45.4795



30.2835, 30.8546, 48.8873

Sweetspot

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



32.4115, 30.8560, 23.9866



71.8296, 73.6800, 73.7105



32.9662, 27.2984, 38.5591



15.3066, 15.6327, 15.4133



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.



32.4115, 30.8560, 23.9866



55.3161, 51.1418, 35.8709



36.8136, 39.6601, 25.4540



8.7075, 8.9275, 8.9168



14.2011, 8.9008, 0.9695



0.5005, 0.3874, 0.0484

Inverse Universe

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



29.9391, 33.9241, 48.1500



50.0991, 57.5873, 86.7696



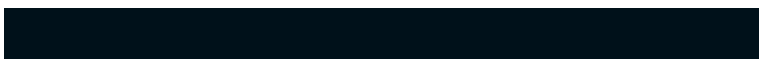
25.7600, 25.5658, 46.7569



8.5125, 9.1711, 10.8279



10.7832, 12.3668, 31.9557



0.3887, 0.4880, 1.0219

Previews

White Background



This preview shows how the XYZ color 32.4107, 30.8546, 23.9860 looks on a white background.

Color Contrast Check

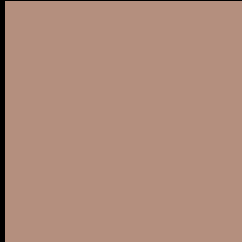
Large Text (above 18pt) WCAG AA × Fail

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 32.4107, 30.8546, 23.9860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

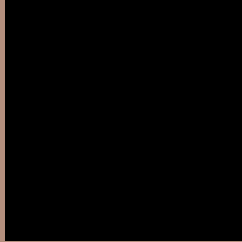
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4107, 30.8546, 23.9860

Background



This preview shows how black text looks on a background with the XYZ color 32.4107, 30.8546, 23.9860.



This preview shows how white text looks on a background with the XYZ color 32.4107, 30.8546,

23.9860.

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

32.4107, 30.8546, 23.9860

Protanopia

29.3939, 31.1159, 25.5758

Deuteranopia

31.5705, 30.8711, 24.0334



Tritanopia

34.2661, 30.7345, 32.9805

Trichromacy



Original Color

32.4107, 30.8546, 23.9860

Protanomaly

30.4887, 30.9803, 25.1417

Deuteranomaly

31.8706, 30.8000, 24.0039

Tritanomaly

33.4772, 30.6243, 29.3460

Monochromacy



Original Color

32.4107, 30.8546, 23.9860

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.6057, 31.1594, 30.3879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4107, 30.8546, 23.9860 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(180, 143, 126)` looks like.

```
.text, #text, p{  
    color:rgb(180, 143, 126)  
}
```

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(180, 143, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 143, 126) }
```

Border

The CSS property to change the border of an element to XYZ 32.4107, 30.8546, 23.9860 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(180, 143, 126) }
```


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

```
.border{ border-color:rgb(180, 143, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 143, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 143, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 143, 126); box-shadow:4px 4px 4px 4px rgb(180, 143, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4107, 30.8546, 23.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 143, 126) }
```

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

```
.background{ background-color: rgb(180,  
143, 126) }
```

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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