

Converting Colors

XYZ(32.0746, 30.4720, 24.6088)

Have a look what the booklet for
XYZ(32.0746, 30.4720, 24.6088)
contains.

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Color

**XYZ(32.1597, 30.4882,
24.6119)**

Conversions

Conversions Part 1

Format	Color
Hex	B38E80
RGB	179, 142, 128
RGB Percent	70%, 56%, 50%
CMY	0.2980, 0.4431, 0.4980
CMYK	0.00, 0.21, 0.28, 0.30
HSL	16°, 25%, 60%
HSV	16°, 28%, 70%
XYZ	32.1597, 30.4882, 24.6119
YIQ	151.4670, 26.5460, 3.4900

Conversions

Conversions Part 2

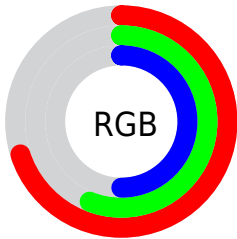
Format	Color
R_{YB}	179, 147, 128
Decimal	11767424
CIE _{Lab}	62.07, 11.89, 12.78
CIE _{LCh}	62, 17.455, 47.059
Yxy	30.4882, 0.3686, 0.3494
Android (android.graphics.Color)	4289957504 (0xFFB38E80)
YUV	151.4670, -11.5692, 24.1464
Hunter-Lab	55.2161, 7.3361, 12.2235

Details

The XYZ color **32.1597, 30.4882, 24.6119** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.4936, 34.7532, 47.7489**, and the grayscale version is **29.6564, 31.2008, 33.9777**.

A 20% lighter version of the original color is **62.3414, 60.4782, 52.1038**, and **13.6959, 12.5788, 9.1032** is the 20% darker color. If you saturate the color by 10%, you get **29.2633, 26.4174, 18.3375**, and if you desaturate by 10%, it is **35.4907, 35.0952, 32.0573**.

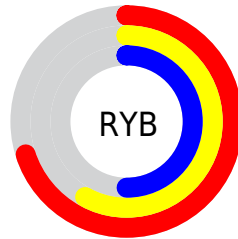
Distribution



Red (70%)

Green (56%)

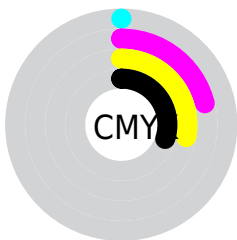
Blue (50%)



Red (70%)

Yellow (58%)

Blue (50%)

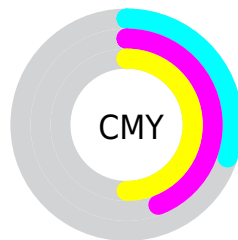


Cyan (0%)

Magenta (21%)

Yellow (28%)

Black (30%)



Cyan (30%)


Magenta (44%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1597, 30.4882, 24.6119 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 32.1597, 30.4882, 24.6119 by changing the saturation by 10% instead.


 32.1597, 30.4882,
24.6119


 32.1597, 30.4882,
24.6119


303.5785,
304.1735, 289.2852

 21.6396, 20.2094,
15.5718


 62.4249, 60.4334,
51.9832

 13.7075, 12.5474,
9.0706


 82.9007, 80.8686,
71.1514

 7.9978, 7.1176,
4.6898

 107.4258,
105.4581, 94.5328

 4.1454, 3.5358,
2.0109

136.3656,
134.5863, 122.5458

 1.7847, 1.4174,
0.5620

170.0854,
168.6375, 155.6090

 0.5084, 0.2295,
0.0000

208.9506,

 0.0000, 0.0000,

207.9962, 194.1409

0.0000

253.3265,
253.0467, 238.5601

■ 32.1597, 30.4882,
24.6119

■ 32.1597, 30.4882,
24.6119

■ 29.2633, 26.4174,
18.3375

■ 35.4907, 35.0952,
32.0573

■ 26.7804, 22.8587,
13.1721

■ 39.2713, 40.2528,
40.7277

■ 24.6918, 19.7925,
9.0508

■ 43.5188, 45.9802,
50.6757

■ 22.9757, 17.1964,
5.9013

■ 48.2488, 52.2942,
61.9504

■ 21.6079, 15.0458,
3.6417

■ 53.4760, 59.2113,
74.5985

■ 20.5609, 13.3138,
2.1764

■ 59.2148, 66.7469,
88.6641

■ 19.7939, 11.9668,
1.3441

■ 65.4788, 74.9160,
104.1896

■ 19.6951, 11.7929,
1.2382

■ 69.5613, 82.6454,
106.8936

■ 72.4005, 88.3237,
107.8400

Harmonies

Analogous

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



33.5061, 30.4882, 29.5504



32.1597, 30.4882, 24.6119



29.9997, 30.4882, 22.1343

Triad

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



32.1597, 30.4882, 24.6119



24.8020, 30.4882, 30.3877



30.3211, 30.4882, 47.1356

Complementary

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



32.1597, 30.4882, 24.6119



30.4936, 34.7532, 47.7489

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.



27.9800, 30.4882, 47.4397



32.1597, 30.4882, 24.6119



24.8777, 30.4882, 37.1308

Square

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



32.1597, 30.4882, 24.6119



25.8010, 30.4882, 25.1534



26.0136, 30.4882, 43.5758



32.4059, 30.4882, 42.7938

Rectangle

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



32.1597, 30.4882, 24.6119



28.4275, 30.4882, 21.9592



26.0136, 30.4882, 43.5758



29.5358, 30.4882, 47.7322

Sweetspot

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



32.1605, 30.4896, 24.6125



69.8606, 71.4498, 71.8460



33.1379, 27.7536, 39.3992



15.2516, 15.5227, 15.3950



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.



32.1605, 30.4896, 24.6125



54.3516, 50.0577, 37.0007



36.3240, 38.8166, 26.0004



8.6800, 8.8725, 8.9076



13.9652, 8.4290, 0.8909



0.4893, 0.3651, 0.0447

Inverse Universe

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



30.4936, 34.7532, 47.7489



50.8805, 58.9006, 85.0684



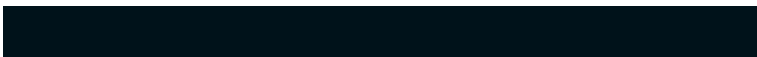
26.4026, 26.5712, 46.3852



8.5414, 9.2291, 10.8375



11.4331, 13.6665, 32.1723



0.4054, 0.5213, 1.0275

Previews

White Background



This preview shows how the XYZ color 32.1597, 30.4882, 24.6119 looks on a white background.

Color Contrast Check

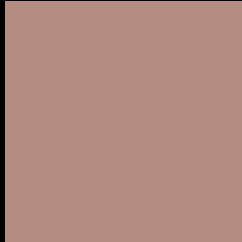
Large Text (above 18pt) WCAG AA × Fail

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 32.1597, 30.4882, 24.6119 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 32.1597, 30.4882, 24.6119

Background



This preview shows how black text looks on a background with the XYZ color 32.1597, 30.4882, 24.6119.



This preview shows how white text looks on a background with the XYZ color 32.1597, 30.4882,

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

32.1597, 30.4882, 24.6119

Protanopia

28.9758, 30.6467, 26.2180

Deuteranopia

31.2553, 30.6935, 24.6992



Tritanopia

33.7937, 30.4910, 32.9584

Trichromacy



Original Color

32.1597, 30.4882, 24.6119

Protanomaly

30.0475, 30.5055, 25.7772

Deuteranomaly

31.5487, 30.6190, 24.6693

Tritanomaly

33.0830, 30.4125, 29.7177

Monochromacy



Original Color

32.1597, 30.4882, 24.6119

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.2458, 30.7400, 30.3259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1597, 30.4882, 24.6119 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(179, 142, 128)` looks like.

```
.text, #text, p{  
    color:rgb(179, 142, 128)  
}
```

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(179, 142, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 142, 128) }
```

Border

The CSS property to change the border of an element to XYZ 32.1597, 30.4882, 24.6119 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(179, 142, 128) }
```


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

```
.border{ border-color:rgb(179, 142, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 142, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 142, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 142, 128);  
box-shadow:4px 4px 4px 4px rgb(179, 142,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1597, 30.4882, 24.6119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 142, 128) }
```

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

```
.background{ background-color: rgb(179,  
142, 128) }
```

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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