

Converting Colors

XYZ(32.9698, 32.1904, 24.4100)

Have a look what the booklet for
XYZ(32.9698, 32.1904, 24.4100)
contains.

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Color

**XYZ(33.0111, 32.2958,
24.5725)**

Conversions

Conversions Part 1

Format	Color
Hex	B3947F
RGB	179, 148, 127
RGB Percent	70%, 58%, 50%
CMY	0.2980, 0.4196, 0.5020
CMYK	0.00, 0.17, 0.29, 0.30
HSL	24°, 25%, 60%
HSV	24°, 29%, 70%
XYZ	33.0111, 32.2958, 24.5725
YIQ	154.8750, 25.2170, 0.0410

Conversions

Conversions Part 2

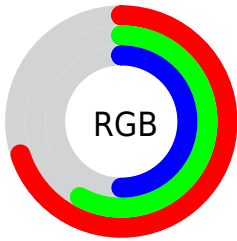
Format	Color
RYB	179, 162, 127
Decimal	11768959
CIELab	63.59, 8.42, 15.45
CIElCh	64, 17.595, 61.427
Yxy	32.2958, 0.3673, 0.3593
Android (android.graphics.Color)	4289959039 (0xFFB3947F)
YUV	154.8750, -13.7424, 21.1576
Hunter-Lab	56.8294, 4.2358, 14.1441

Details

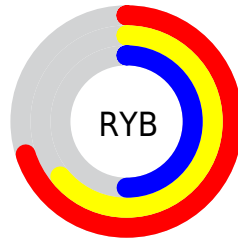
The XYZ color **33.0111, 32.2958, 24.5725** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.1157, 32.2196, 47.3325**, and the grayscale version is **31.1522, 32.7745, 35.6914**.

A 20% lighter version of the original color is **63.6197, 63.1985, 52.0254**, and **14.1073, 13.4594, 9.0621** is the 20% darker color. If you saturate the color by 10%, you get **30.3496, 28.6766, 18.4321**, and if you desaturate by 10%, it is **36.0359, 36.3095, 31.8573**.

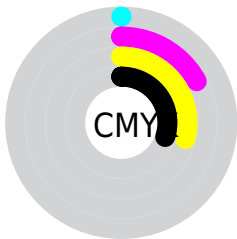
Distribution



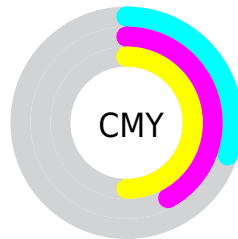
- Red (70%)
- Green (58%)
- Blue (50%)



- Red (70%)
- Yellow (64%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (30%)





- Cyan (30%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0111, 32.2958, 24.5725 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 33.0111, 32.2958, 24.5725 by changing the saturation by 10% instead.


 33.0111, 32.2958,
24.5725


 33.0111, 32.2958,
24.5725


307.3638,
312.4645, 289.0814


 22.2942, 21.5875,
15.5427


 63.7474, 63.2745,
51.9183

 14.1911, 13.5541,
9.0503


 84.4976, 84.3138,
71.0715

 8.3363, 7.8112,
4.6768

 109.3229,
109.5655, 94.4361

 4.3645, 3.9744,
2.0035

138.5887,
139.4140, 122.4309

 1.9103, 1.6592,
0.5574

172.6603,
174.2438, 155.4742

 0.5828, 0.3971,
0.0000

211.9031,

 0.0000, 0.0000,

214.4392, 193.9848

0.0000

256.6825,
260.3846, 238.3810

■ 33.0111, 32.2958,
24.5725

■ 33.0111, 32.2958,
24.5725

■ 30.3496, 28.6766,
18.4321

■ 36.0359, 36.3095,
31.8573

■ 28.0336, 25.4348,
13.3749

■ 39.4357, 40.7252,
40.3393

■ 26.0479, 22.5583,
9.3371

■ 43.2245, 45.5560,
50.0706

■ 24.3744, 20.0329,
6.2471

■ 47.4151, 50.8128,
61.0993

■ 22.9935, 17.8428,
4.0239

■ 52.0194, 56.5062,
73.4712

■ 21.8824, 15.9711,
2.5727

■ 57.0491, 62.6464,
87.2298

■ 21.0031, 14.3940,
1.7202

■ 62.5151, 69.2432,
102.4165

■ 20.9274, 14.2575,
1.6490

■ 65.8826, 75.2880,
105.6674

■ 69.0014, 81.5256,
106.7070

Harmonies

Analogous

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



34.9056, 32.2958, 28.5724



33.0111, 32.2958, 24.5725



30.5787, 32.2958, 23.3011

Triad

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



33.0111, 32.2958, 24.5725



26.2123, 32.2958, 35.5026



33.2254, 32.2958, 48.0165

Complementary

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



33.0111, 32.2958, 24.5725



29.1157, 32.2196, 47.3325

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.



30.8140, 32.2958, 50.4952



33.0111, 32.2958, 24.5725



26.8396, 32.2958, 42.7000

Square

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



33.0111, 32.2958, 24.5725



26.7322, 32.2958, 29.0836



28.4921, 32.2958, 48.4323



35.0339, 32.2958, 42.0392

Rectangle

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



33.0111, 32.2958, 24.5725



29.0028, 32.2958, 24.0157



28.4921, 32.2958, 48.4323



32.4542, 32.2958, 49.3197

Sweetspot

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



33.0119, 32.2973, 24.5732



70.5622, 72.8529, 72.0798



32.3689, 27.2384, 35.9899



15.4292, 15.8779, 15.4542



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.



33.0119, 32.2973, 24.5732



55.9325, 53.5236, 36.5900



37.5189, 41.3112, 26.0755



8.7688, 9.0500, 8.9372



14.8486, 10.1957, 1.1854



0.5251, 0.4367, 0.0566

Inverse Universe

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



29.1157, 32.2196, 47.3325



47.7839, 53.3521, 84.1607



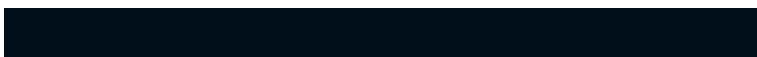
25.1679, 24.3239, 46.0166



8.4490, 9.0442, 10.8067



9.5081, 9.8165, 31.5306



0.3546, 0.4197, 1.0106

Previews

White Background



This preview shows how the XYZ color 33.0111, 32.2958, 24.5725 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 33.0111, 32.2958, 24.5725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

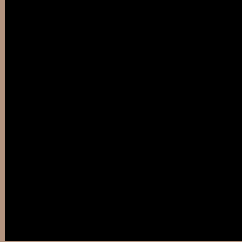
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.0111, 32.2958, 24.5725

Background



This preview shows how black text looks on a background with the XYZ color 33.0111, 32.2958, 24.5725.



This preview shows how white text looks on a background with the XYZ color 33.0111, 32.2958,

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

33.0111, 32.2958, 24.5725

Protanopia

30.4852, 32.4043, 25.7670

Deuteranopia

33.0111, 32.2958, 24.5725



Tritanopia

35.1811, 32.2582, 35.3826

Trichromacy



Original Color

33.0111, 32.2958, 24.5725

Protanomaly

31.3391, 32.3663, 25.3644

Deuteranomaly

33.0111, 32.2958, 24.5725

Tritanomaly

34.2923, 32.1189, 31.1802

Monochromacy



Original Color

33.0111, 32.2958, 24.5725

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.6489, 32.3933, 31.3725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0111, 32.2958, 24.5725 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, 148, 127)` looks like.

```
.text, #text, p{  
    color:rgb(179, 148, 127)  
}
```

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, 148, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 148, 127) }
```

Border

The CSS property to change the border of an element to XYZ 33.0111, 32.2958, 24.5725 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, 148, 127) }
```


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

```
.border{ border-color:rgb(179, 148, 127) }
```

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

Here you see how a box with a 4 pixel rgb(179, 148, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 148, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 148, 127);  
box-shadow:4px 4px 4px 4px rgb(179, 148,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0111, 32.2958, 24.5725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 148, 127) }
```

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

```
.background{ background-color: rgb(179,  
148, 127) }
```

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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