

Converting Colors

XYZ(33.5694, 32.8250, 24.3052)

Have a look what the booklet for
XYZ(33.5694, 32.8250, 24.3052)
contains.

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Color

**XYZ(33.5694, 32.8250,
24.3052)**

Conversions

Conversions Part 1

Format	Color
Hex	B5957E
RGB	181, 149, 126
RGB Percent	71%, 58%, 49%
CMY	0.2902, 0.4157, 0.5059
CMYK	0.00, 0.18, 0.30, 0.29
HSL	25°, 27%, 60%
HSV	25°, 30%, 71%
XYZ	33.5694, 32.8250, 24.3052
YIQ	155.9460, 26.4550, -0.3690

Conversions

Conversions Part 2

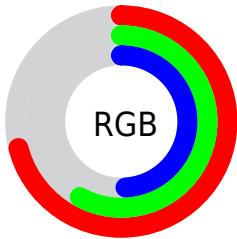
Format	Color
RYB	181, 166, 126
Decimal	11900286
CIELab	64.02, 8.52, 16.64
CIELCh	64, 18.696, 62.882
Yxy	32.8250, 0.3701, 0.3619
Android (android.graphics.Color)	4290090366 (0xFFB5957E)
YUV	155.9460, -14.7634, 21.9724
Hunter-Lab	57.2931, 4.3245, 14.9528

Details

The XYZ color **33.5694, 32.8250, 24.3052** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.1712, 32.2246, 48.3987**, and the grayscale version is **31.6320, 33.2794, 36.2412**.

A 20% lighter version of the original color is **64.7525, 64.1437, 51.6160**, and **14.4596, 13.7832, 8.9195** is the 20% darker color. If you saturate the color by 10%, you get **30.9144, 29.2179, 18.1701**, and if you desaturate by 10%, it is **36.5881, 36.8209, 31.6049**.

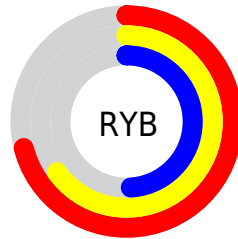
Distribution



Red (71%)

Green (58%)

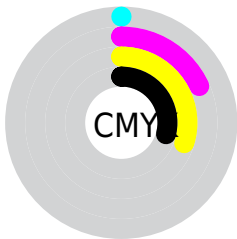
Blue (49%)



Red (71%)

Yellow (65%)

Blue (49%)

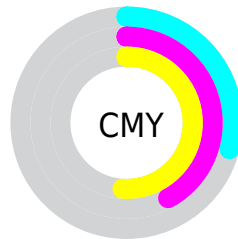


Cyan (0%)

Magenta (18%)

Yellow (30%)

Black (29%)



Cyan (29%)


Magenta (42%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5694, 32.8250, 24.3052 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 33.5694, 32.8250, 24.3052 by changing the saturation by 10% instead.


 33.5694, 32.8250,
24.3052


 33.5694, 32.8250,
24.3052

309.8275,
314.8604, 287.6960


 22.7243, 21.9924,
15.3459


 64.6122, 64.1022,
51.4778

 14.5097, 13.8513,
8.9132


 85.5407, 85.3156,
70.5283

 8.5600, 8.0173,
4.5886


 110.5610,
110.7581, 93.7794

 4.5101, 4.1060,
1.9535

140.0385,
140.8141, 121.6499

 1.9946, 1.7331,
0.5264

174.3386,
175.8679, 154.5583

 0.6309, 0.4449,
0.0000

213.8265,

 0.0000, 0.0000,

216.3040, 192.9231

0.0000

258.8677,
262.5067, 237.1628

■ 33.5694, 32.8250,
24.3052

■ 33.5694, 32.8250,
24.3052

■ 30.9144, 29.2179,
18.1701

■ 36.5881, 36.8209,
31.6049

■ 28.6051, 25.9826,
13.1360

■ 39.9823, 41.2130,
40.1239

■ 26.6259, 23.1074,
9.1367

■ 43.7664, 46.0141,
49.9160

■ 24.9584, 20.5780,
6.0976

■ 47.9532, 51.2349,
61.0310

■ 23.5824, 18.3790,
3.9340

■ 52.5549, 56.8860,
73.5162

■ 22.4744, 16.4934,
2.5459

■ 57.5831, 62.9773,
87.4165

■ 21.6202, 14.9519,
1.7465

■ 63.0491, 69.5184,
102.7746

■ 66.3136, 75.4587,
105.6776

■ 69.3881, 81.6078,
106.7025

Harmonies

Analogous

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



35.6567, 32.8250, 28.4184



33.5694, 32.8250, 24.3052



30.9448, 32.8250, 23.1045

Triad

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



33.5694, 32.8250, 24.3052



26.4015, 32.8250, 36.4764



34.0355, 32.8250, 49.3844

Complementary

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



33.5694, 32.8250, 24.3052



29.1712, 32.2246, 48.3987

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.



31.4550, 32.8250, 52.3053



33.5694, 32.8250, 24.3052



27.1295, 32.8250, 44.2241

Square

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



33.5694, 32.8250, 24.3052



26.8978, 32.8250, 29.5184



28.9432, 32.8250, 50.2963



35.9363, 32.8250, 42.7815

Rectangle

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



33.5694, 32.8250, 24.3052



29.2677, 32.8250, 23.9559



28.9432, 32.8250, 50.2963



33.2138, 32.8250, 50.8684

Sweetspot

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



33.5703, 32.8265, 24.3059



72.4066, 74.8341, 73.9029



32.6959, 27.2173, 35.9159



15.4491, 15.9177, 15.4608



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.



33.5703, 32.8265, 24.3059



57.0926, 54.6948, 36.4630



38.4293, 42.5446, 25.9256



8.7787, 9.0699, 8.9405



14.9698, 10.4382, 1.2258



0.5292, 0.4448, 0.0580

Inverse Universe

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



29.1712, 32.2246, 48.3987



48.0289, 53.4468, 86.0795



25.0055, 23.8931, 47.0101



8.4388, 9.0239, 10.8033



9.3228, 9.4459, 31.4689



0.3494, 0.4094, 1.0088

Previews

White Background



This preview shows how the XYZ color 33.5694, 32.8250, 24.3052 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 33.5694, 32.8250, 24.3052 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 33.5694, 32.8250, 24.3052

Background



This preview shows how black text looks on a background with the XYZ color 33.5694, 32.8250, 24.3052.



This preview shows how white text looks on a background with the XYZ color 33.5694, 32.8250,

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

33.5694, 32.8250, 24.3052

Protanopia

30.9936, 32.9202, 25.4896

Deuteranopia

33.3357, 32.7045, 24.2943



Tritanopia

35.8933, 32.8414, 35.8997

Trichromacy



Original Color

33.5694, 32.8250, 24.3052

Protanomaly

31.8651, 32.8870, 25.0904

Deuteranomaly

33.3357, 32.7045, 24.2943

Tritanomaly

34.9182, 32.6694, 31.2535

Monochromacy



Original Color

33.5694, 32.8250, 24.3052

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.0191, 32.8261, 31.4366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5694, 32.8250, 24.3052 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(181, 149, 126)` looks like.

```
.text, #text, p{  
    color:rgb(181, 149, 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(181, 149, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 149, 126) }
```

Border

The CSS property to change the border of an element to XYZ 33.5694, 32.8250, 24.3052 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(181, 149, 126) }
```


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

```
.border{ border-color:rgb(181, 149, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 149, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 149, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 149, 126);  
box-shadow:4px 4px 4px 4px rgb(181, 149,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5694, 32.8250, 24.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 149, 126) }
```

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

```
.background{ background-color: rgb(181,  
149, 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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