

Converting Colors

XYZ(35.5254, 33.5568, 24.2962)

Have a look what the booklet for
XYZ(35.5254, 33.5568, 24.2962)
contains.

XYZ(35.5910, 33.6333, 24.3547)	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(35.5910, 33.6333,
24.3547)**

Conversions

Conversions Part 1

Format	Color
Hex	BE947E
RGB	190, 148, 126
RGB Percent	75%, 58%, 49%
CMY	0.2549, 0.4196, 0.5059
CMYK	0.00, 0.22, 0.34, 0.25
HSL	21°, 33%, 62%
HSV	21°, 34%, 75%
XYZ	35.5910, 33.6333, 24.3547
YIQ	158.0500, 32.0940, 2.0620

Conversions

Conversions Part 2

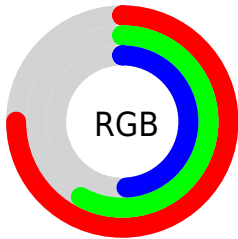
Format	Color
RYB	190, 160, 126
Decimal	12489854
CIELab	64.67, 12.67, 17.68
CIELCh	65, 21.753, 54.374
Yxy	33.6333, 0.3803, 0.3594
Android (android.graphics.Color)	4290679934 (0xFFBE947E)
YUV	158.0500, -15.8006, 28.0202
Hunter-Lab	57.9942, 8.0554, 15.6971

Details

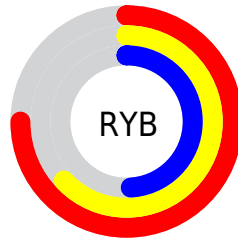
The XYZ color **35.5910, 33.6333, 24.3547** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.9006, 36.1574, 54.0130**, and the grayscale version is **32.5820, 34.2788, 37.3296**.

A 20% lighter version of the original color is **67.6150, 65.2699, 51.6825**, and **15.6059, 14.2361, 8.9465** is the 20% darker color. If you saturate the color by 10%, you get **32.6283, 29.4870, 17.8821**, and if you desaturate by 10%, it is **38.9990, 38.2973, 32.1252**.

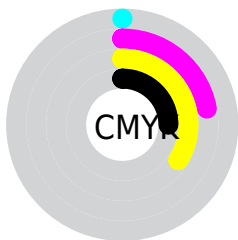
Distribution



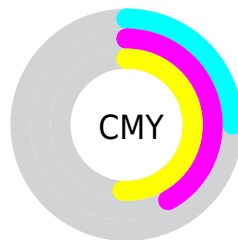
- Red (75%)
- Green (58%)
- Blue (49%)



- Red (75%)
- Yellow (63%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (34%)
- Black (25%)





- Cyan (25%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5910, 33.6333, 24.3547 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 35.5910, 33.6333, 24.3547 by changing the saturation by 10% instead.


 35.5910, 33.6333,
24.3547


 35.5910, 33.6333,
24.3547


318.6318,
318.4938, 287.9529


 24.2871, 22.6120,
15.3823


 67.7283, 65.3630,
51.5595

 15.6726, 14.3073,
8.9385


 89.2925, 86.8403,
70.6289

 9.3822, 8.3347,
4.6049


 115.0075,
112.5716, 93.9012

 5.0504, 4.3099,
1.9627

145.2386,
142.9415, 121.7947

 2.3119, 1.8484,
0.5322

180.3512,
178.3342, 154.7282

 0.8008, 0.5170,
0.0000

220.7108,

 0.0000, 0.0000,

219.1343, 193.1200

0.0000

266.6825,
265.7260, 237.3887

■ 35.5910, 33.6333,
24.3547

■ 35.5910, 33.6333,
24.3547

■ 32.6283, 29.4870,
17.8821

■ 38.9990, 38.2973,
32.1252

■ 30.0883, 25.8350,
12.6336

■ 42.8683, 43.4917,
41.2579

■ 27.9506, 22.6591,
8.5309

■ 47.2170, 49.2348,
51.8151

■ 26.1913, 19.9380,
5.4857

■ 52.0616, 55.5426,
63.8548

■ 24.7838, 17.6486,
3.3967

■ 57.4179, 62.4303,
77.4316

■ 23.6973, 15.7650,
2.1418

■ 63.3006, 69.9126,
92.5973

■ 23.1442, 14.7651,
1.6301

■ 69.0732, 77.7431,
105.9731

■ 72.7744, 85.1456,
107.2069

■ 75.0452, 89.6872,
107.9638

Harmonies

Analogous

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



37.7496, 33.6333, 29.9777



35.5910, 33.6333, 24.3547



32.5592, 33.6333, 22.0447

Triad

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



35.5910, 33.6333, 24.3547



26.3608, 33.6333, 34.9623



34.5079, 33.6333, 54.6073

Complementary

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



35.5910, 33.6333, 24.3547



31.9006, 36.1574, 54.0130

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.



31.3829, 33.6333, 56.5201



35.5910, 33.6333, 24.3547



26.8081, 33.6333, 44.1796

Square

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



35.5910, 33.6333, 24.3547



27.3345, 33.6333, 27.4966



28.5986, 33.6333, 52.4382



37.0963, 33.6333, 47.5689

Rectangle

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



35.5910, 33.6333, 24.3547



30.5010, 33.6333, 22.3708



28.5986, 33.6333, 52.4382



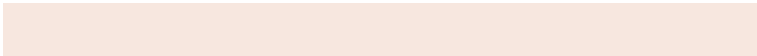
33.4801, 33.6333, 55.9144

Sweetspot

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



35.5919, 33.6349, 24.3554



80.3580, 82.3634, 81.2026



35.8265, 28.7213, 41.0280



17.4056, 17.7679, 17.2515



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.5919, 33.6349, 24.3554



60.6746, 55.6199, 35.7252



41.1883, 44.8277, 26.2208



9.7912, 10.0583, 10.0020



15.4561, 9.9509, 1.1061



0.6673, 0.5136, 0.0640

Inverse Universe

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



31.9006, 36.1574, 54.0130



53.0078, 60.8276, 97.2262



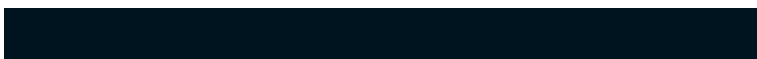
26.7971, 25.9504, 52.3118



9.5249, 10.2421, 12.1471



11.1047, 12.3211, 34.1858



0.4936, 0.5999, 1.3586

Previews

White Background



This preview shows how the XYZ color 35.5910, 33.6333, 24.3547 looks on a white background.

Color Contrast Check

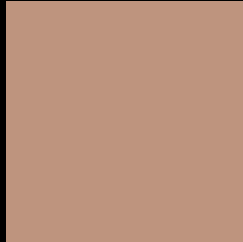
Large Text (above 18pt) WCAG AA × Fail

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 35.5910, 33.6333, 24.3547 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 35.5910, 33.6333, 24.3547

Background



This preview shows how black text looks on a background with the XYZ color 35.5910, 33.6333, 24.3547.



This preview shows how white text looks on a background with the XYZ color 35.5910, 33.6333,

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

35.5910, 33.6333, 24.3547

Protanopia

31.8121, 33.8326, 25.9728

Deuteranopia

34.2967, 33.6812, 24.0955



Tritanopia

37.8820, 33.6505, 35.5090

Trichromacy



Original Color

35.5910, 33.6333, 24.3547

Protanomaly

33.1972, 33.8101, 25.5452

Deuteranomaly

34.8577, 33.7325, 24.0759

Tritanomaly

36.8977, 33.4709, 30.9014

Monochromacy



Original Color

35.5910, 33.6333, 24.3547

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.3215, 33.7326, 31.9489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5910, 33.6333, 24.3547 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(190, 148, 126)` looks like.

```
.text, #text, p{  
    color:rgb(190, 148, 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(190, 148, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 148, 126) }
```

Border

The CSS property to change the border of an element to XYZ 35.5910, 33.6333, 24.3547 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(190, 148, 126) }
```


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

```
.border{ border-color:rgb(190, 148, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 148, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 148, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 148, 126);  
box-shadow:4px 4px 4px 4px rgb(190, 148,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5910, 33.6333, 24.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 148, 126) }
```

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

```
.background{ background-color: rgb(190,  
148, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor