

Converting Colors

XYZ(35.4366, 36.7587, 23.3303)

Have a look what the booklet for
XYZ(35.4366, 36.7587, 23.3303)
contains.

XYZ(35.4875, 36.8153, 23.3248)	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(35.4875, 36.8153,
23.3248)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A179
RGB	182, 161, 121
RGB Percent	71%, 63%, 47%
CMY	0.2863, 0.3686, 0.5255
CMYK	0.00, 0.12, 0.34, 0.29
HSL	39°, 29%, 59%
HSV	39°, 34%, 71%
XYZ	35.4875, 36.8153, 23.3248
YIQ	162.7190, 25.3560, -7.9880

Conversions

Conversions Part 2

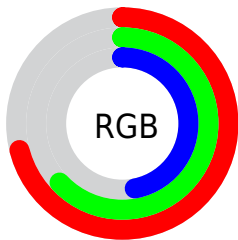
Format	Color
RYB	153, 182, 121
Decimal	11968889
CIELab	67.14, 1.68, 23.67
CIELCh	67, 23.732, 85.931
Yxy	36.8153, 0.3711, 0.3850
Android (android.graphics.Color)	4290158969 (0xFFB6A179)
YUV	162.7190, -20.5675, 16.9094
Hunter-Lab	60.6756, -1.7826, 19.6808

Details

The XYZ color **35.4875, 36.8153, 23.3248** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.0015, 26.7876, 48.0562**, and the grayscale version is **34.7665, 36.5771, 39.8325**.

A 20% lighter version of the original color is **67.7925, 70.5184, 50.0828**, and **15.6477, 16.2089, 8.4348** is the 20% darker color. If you saturate the color by 10%, you get **33.4079, 34.2767, 17.6350**, and if you desaturate by 10%, it is **37.8345, 39.5512, 30.1434**.

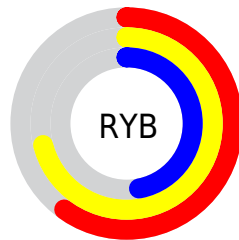
Distribution



Red (71%)

Green (63%)

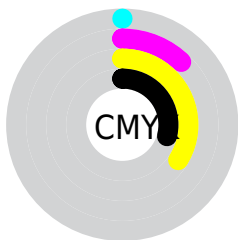
Blue (47%)



Red (60%)

Yellow (71%)

Blue (47%)

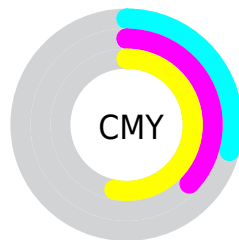


Cyan (0%)

Magenta (12%)

Yellow (34%)

Black (29%)



Cyan (29%)


Magenta (37%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4875, 36.8153, 23.3248 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 35.4875, 36.8153, 23.3248 by changing the saturation by 10% instead.


 35.4875, 36.8153,
23.3248


 35.4875, 36.8153,
23.3248


318.1854,
332.5102, 282.5647


 24.2069, 25.0645,
14.6260


 67.5694, 70.2886,
49.8560

 15.6127, 16.1251,
8.4136


 89.1013, 92.7800,
68.5255

 9.3396, 9.6127,
4.2692


 114.7812,
119.6203, 91.3556

 5.0223, 5.1430,
1.7741

144.9742,
151.1939, 118.7649

 2.2952, 2.3314,
0.4108

180.0458,
187.8854, 151.1720

 0.7922, 0.7902,
0.0000

220.3612,

 0.0000, 0.0000,

230.0790, 188.9952

0.0000

266.2860,
278.1591, 232.6533

■ 35.4875, 36.8153,
23.3248

■ 35.4875, 36.8153,
23.3248

■ 33.4079, 34.2767,
17.6350

■ 37.8345, 39.5512,
30.1434

■ 31.5801, 31.9241,
13.0090

■ 40.4577, 42.4853,
38.1464

■ 29.9912, 29.7522,
9.3785

■ 43.3691, 45.6249,
47.3886

■ 28.6258, 27.7536,
6.6664

■ 46.5788, 48.9753,
57.9204

■ 27.4663, 25.9198,
4.7838

■ 50.0968, 52.5416,
69.7895

■ 26.4916, 24.2411,
3.6242

■ 53.9322, 56.3286,
83.0414

■ 25.9308, 23.2237,
3.1159

■ 58.0939, 60.3409,
97.7191

■ 60.6656, 63.8133,
103.7275

■ 62.2535, 66.9892,
104.2568

Harmonies

Analogous

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



39.0326, 36.8153, 25.7513



35.4875, 36.8153, 23.3248



32.0390, 36.8153, 24.7136

Triad

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



35.4875, 36.8153, 23.3248



29.1046, 36.8153, 49.4376



41.0724, 36.8153, 52.3057

Complementary

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



35.4875, 36.8153, 23.3248



26.0015, 26.7876, 48.0562

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.



38.1208, 36.8153, 60.7898



35.4875, 36.8153, 23.3248



31.2400, 36.8153, 58.9439

Square

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



35.4875, 36.8153, 23.3248



28.5053, 36.8153, 38.6893



34.5008, 36.8153, 63.4061



42.3946, 36.8153, 41.5152

Rectangle

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



35.4875, 36.8153, 23.3248



30.2307, 36.8153, 27.7709



34.5008, 36.8153, 63.4061



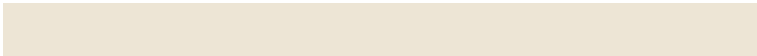
40.2284, 36.8153, 55.5897

Sweetspot

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



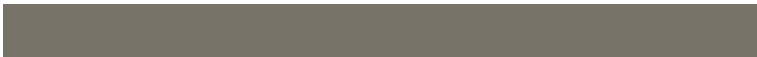
35.4884, 36.8170, 23.3256



75.0565, 78.8882, 74.5117



31.0379, 25.5838, 29.0319



16.4182, 17.2505, 15.9554



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.4884, 36.8170, 23.3256



61.5912, 63.4156, 34.6997



37.3798, 43.7037, 24.5552



9.4829, 9.9687, 9.5313



18.3757, 16.5278, 2.2217



0.7030, 0.6931, 0.0967

Inverse Universe

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



26.0015, 26.7876, 48.0562



41.8316, 42.5365, 86.2413



24.5102, 21.8103, 47.1741



8.7671, 9.2114, 11.3953



7.2606, 4.9808, 31.8318



0.3150, 0.2937, 1.1418

Previews

White Background



This preview shows how the XYZ color 35.4875, 36.8153, 23.3248 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 35.4875, 36.8153, 23.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

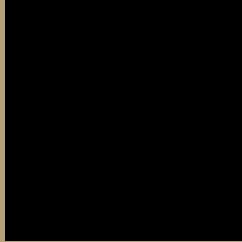
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4875, 36.8153, 23.3248

Background



This preview shows how black text looks on a background with the XYZ color 35.4875, 36.8153, 23.3248.



This preview shows how white text looks on a background with the XYZ color 35.4875, 36.8153,

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

35.4875, 36.8153, 23.3248

Protanopia

34.2892, 36.7135, 23.6915

Deuteranopia

37.5621, 36.8565, 23.5466



Tritanopia

39.1899, 36.7975, 41.5963

Trichromacy



Original Color

35.4875, 36.8153, 23.3248

Protanomaly

34.7933, 36.7108, 23.6644

Deuteranomaly

36.7260, 36.6777, 23.5562

Tritanomaly

37.5696, 36.6302, 33.9444

Monochromacy



Original Color

35.4875, 36.8153, 23.3248

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8432, 36.5248, 33.2305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4875, 36.8153, 23.3248 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(182, 161, 121)` looks like.

```
.text, #text, p{  
    color:rgb(182, 161, 121)  
}
```

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(182, 161, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 161, 121) }
```

Border

The CSS property to change the border of an element to XYZ 35.4875, 36.8153, 23.3248 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(182, 161, 121) }
```


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

```
.border{ border-color:rgb(182, 161, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 161, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 161, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 161, 121);  
box-shadow:4px 4px 4px 4px rgb(182, 161,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4875, 36.8153, 23.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 161, 121) }
```

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

```
.background{ background-color: rgb(182,  
161, 121) }
```

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