

Converting Colors

XYZ(52.4455, 55.4447, 37.4694)

Have a look what the booklet for
XYZ(52.4455, 55.4447, 37.4694)
contains.

XYZ(52.3340, 55.2943, 37.6203)	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(52.3340, 55.2943,
37.6203)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C398
RGB	212, 195, 152
RGB Percent	83%, 76%, 60%
CMY	0.1686, 0.2353, 0.4039
CMYK	0.00, 0.08, 0.28, 0.17
HSL	43°, 41%, 71%
HSV	43°, 28%, 83%
XYZ	52.3340, 55.2943, 37.6203
YIQ	195.1810, 23.9350, -9.7690

Conversions

Conversions Part 2

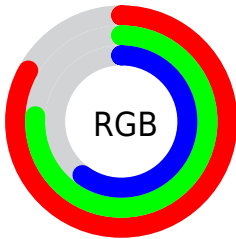
Format	Color
R_{YB}	176, 212, 152
Decimal	13943704
CIE Lab	79.21, -0.58, 23.82
CIE LCh	79, 23.822, 91.389
Yxy	55.2943, 0.3603, 0.3807
Android (android.graphics.Color)	4292133784 (0xFFD4C398)
YUV	195.1810, -21.2882, 14.7503
Hunter-Lab	74.3601, -4.5035, 22.0561

Details

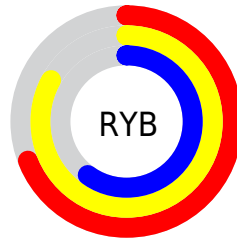
The XYZ color **52.3340, 55.2943, 37.6203** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0202, 39.8037, 67.9138**, and the grayscale version is **52.0938, 54.8068, 59.6846**.

A 20% lighter version of the original color is **86.8778, 94.7106, 72.0945**, and **25.7785, 27.1574, 16.1952** is the 20% darker color. If you saturate the color by 10%, you get **49.4325, 52.0258, 28.8389**, and if you desaturate by 10%, it is **55.6029, 58.8002, 48.0565**.

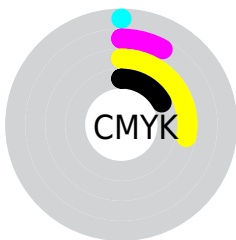
Distribution



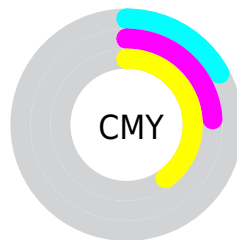
- Red (83%)
- Green (76%)
- Blue (60%)



- Red (69%)
- Yellow (83%)
- Blue (60%)



- Cyan (0%)
- Magenta (8%)
- Yellow (28%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3340, 55.2943, 37.6203 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 52.3340, 55.2943, 37.6203 by changing the saturation by 10% instead.

■ 52.3340, 55.2943,
37.6203

■ 52.3340, 55.2943,
37.6203

386.0275,
407.0266, 351.2376

■ 37.4967, 39.6374,
25.3886

■ 92.7949, 97.9720,
72.7227

■ 25.7677, 27.2559,
16.1451

■ 119.1493,
125.7616, 96.4305

■ 16.7817, 17.7655,
9.4715

150.0734,
158.3642, 124.8008

■ 10.1733, 10.7818,
4.9490

185.9326,
196.1643, 158.2520

■ 5.5772, 5.9203,
2.1591

227.0923,
239.5462, 197.2028

■ 2.6279, 2.7967,
0.6506

273.9177,

■ 0.9602, 1.0265,

288.8942, 242.0716

0.0000

326.7744,
344.5929, 293.2770

■ 0.0000, 0.0000,
0.0000

■ 52.3340, 55.2943,
37.6203

■ 52.3340, 55.2943,
37.6203

■ 49.4325, 52.0258,
28.8389

■ 55.6029, 58.8002,
48.0565

■ 46.8768, 48.9793,
21.6217

■ 59.2508, 62.5433,
60.2250

■ 44.6499, 46.1489,
15.8743

■ 63.2941, 66.5332,
74.2024

■ 42.7308, 43.5251,
11.4910

■ 67.7467, 70.7762,
90.0595

■ 41.0963, 41.0976,
8.3516

■ 72.1349, 75.0839,
105.2985

■ 39.7187, 38.8543,
6.3147

■ 73.7873, 78.3887,
105.8493

■ 38.5576, 36.7778,
5.1700

■ 75.4973, 81.8088,
106.4193

■ 38.3717, 36.4375,
5.0107

■ 77.2656, 85.3454,
107.0087

■ 79.0927, 88.9995,
107.6177

Harmonies

Analogous

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



57.0611, 55.2943, 40.0025



52.3340, 55.2943, 37.6203



47.9313, 55.2943, 40.4883

Triad

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



52.3340, 55.2943, 37.6203



45.1236, 55.2943, 74.9160



61.0066, 55.2943, 73.6499

Complementary

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



52.3340, 55.2943, 37.6203



39.0202, 39.8037, 67.9138

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.



57.4681, 55.2943, 85.4675



52.3340, 55.2943, 37.6203



48.2937, 55.2943, 86.2727

Square

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



52.3340, 55.2943, 37.6203



43.9268, 55.2943, 60.8438



52.7778, 55.2943, 90.3949



62.2463, 55.2943, 59.5729

Rectangle

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



52.3340, 55.2943, 37.6203



45.7235, 55.2943, 45.2861



52.7778, 55.2943, 90.3949



60.0364, 55.2943, 78.0885

Sweetspot

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



52.3354, 55.2968, 37.6215



90.1219, 95.1235, 91.9054



45.5415, 39.3187, 42.7257



19.1009, 20.1699, 19.0308



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.3354, 55.2968, 37.6215



76.7558, 80.9383, 48.7697



52.7645, 61.4964, 38.7955



13.1618, 13.8977, 13.1495



23.7776, 22.6725, 3.1230



1.5028, 1.5049, 0.2113

Inverse Universe

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



39.0202, 39.8037, 67.9138



53.3010, 53.6550, 102.1549



38.6295, 35.2100, 67.0477



12.0262, 12.5758, 15.7310



8.4095, 5.0808, 38.9906



0.5774, 0.4468, 2.3751

Previews

White Background



This preview shows how the XYZ color 52.3340, 55.2943, 37.6203 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 52.3340, 55.2943, 37.6203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

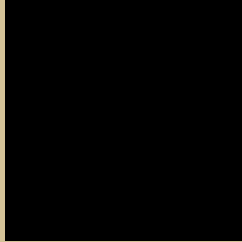
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3340, 55.2943, 37.6203

Background



This preview shows how black text looks on a background with the XYZ color 52.3340, 55.2943, 37.6203.



This preview shows how white text looks on a background with the XYZ color 52.3340, 55.2943,

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

52.3340, 55.2943, 37.6203

Protanopia

51.7019, 55.3022, 37.6552

Deuteranopia

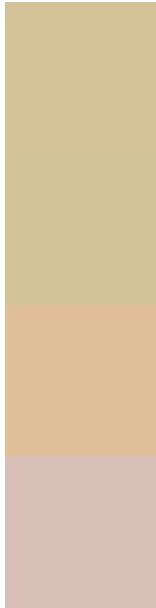
56.3661, 55.0893, 37.7995



Tritanopia

57.6762, 55.1837, 64.1116

Trichromacy



Original Color

52.3340, 55.2943, 37.6203

Protanomaly

51.9858, 55.4485, 37.6684

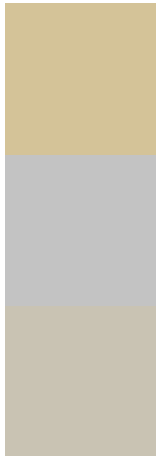
Deuteranomaly

54.8120, 55.2495, 37.9123

Tritanomaly

55.6014, 55.3212, 53.0950

Monochromacy



Original Color

52.3340, 55.2943, 37.6203

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7392, 54.7024, 50.4795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3340, 55.2943, 37.6203 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(212, 195, 152) looks like.

```
.text, #text, p{  
    color:rgb(212, 195, 152)  
}
```

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(212, 195, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 195, 152) }
```

Border

The CSS property to change the border of an element to XYZ 52.3340, 55.2943, 37.6203 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(212, 195, 152) }
```


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

```
.border{ border-color:rgb(212, 195, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 195, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 195, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 195, 152);  
box-shadow:4px 4px 4px 4px rgb(212, 195,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3340, 55.2943, 37.6203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 195, 152) }
```

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

```
.background{ background-color: rgb(212,  
195, 152) }
```

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