

Converting Colors

XYZ(52.3111, 55.0905, 48.8738)

Have a look what the booklet for
XYZ(52.3111, 55.0905, 48.8738)
contains.

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Color

**XYZ(52.2534, 55.0022,
48.9367)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC3B0
RGB	204, 195, 176
RGB Percent	80%, 76%, 69%
CMY	0.2000, 0.2353, 0.3098
CMYK	0.00, 0.04, 0.14, 0.20
HSL	41°, 22%, 75%
HSV	41°, 14%, 80%
XYZ	52.2534, 55.0022, 48.9367
YIQ	195.5250, 11.4630, -4.0010

Conversions

Conversions Part 2

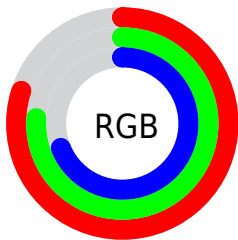
Format	Color
RYB	189, 204, 176
Decimal	13419440
CIELab	79.04, -0.06, 10.67
CIElCh	79, 10.668, 90.344
Yxy	55.0022, 0.3345, 0.3521
Android (android.graphics.Color)	4291609520 (0xFFCCC3B0)
YUV	195.5250, -9.6258, 7.4326
Hunter-Lab	74.1635, -4.0202, 12.7920

Details

The XYZ color **52.2534, 55.0022, 48.9367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1523, 48.2866, 64.0149**, and the grayscale version is **52.2372, 54.9576, 59.8488**.

A 20% lighter version of the original color is **90.6159, 96.7070, 90.2343**, and **25.6777, 26.9638, 22.5901** is the 20% darker color. If you saturate the color by 10%, you get **48.9488, 51.3838, 38.6140**, and if you desaturate by 10%, it is **55.9288, 58.8758, 60.8809**.

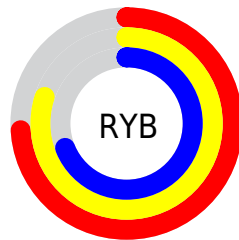
Distribution



Red (80%)

Green (76%)

Blue (69%)



Red (74%)

Yellow (80%)

Blue (69%)

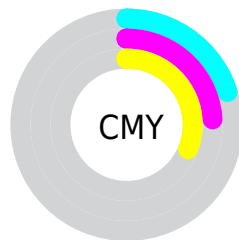


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2534, 55.0022, 48.9367 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 52.2534, 55.0022, 48.9367 by changing the saturation by 10% instead.

■ 52.2534, 55.0022,
48.9367

■ 52.2534, 55.0022,
48.9367

385.7220,
405.9203, 399.1084

■ 37.4322, 39.4035,
34.2040

■ 92.6769, 97.5442,
89.9774

■ 25.7175, 27.0738,
22.7717

119.0098,
125.2562, 117.1226

■ 16.7440, 17.6286,
14.2213

149.9107,
157.7748, 149.2423

■ 10.1463, 10.6837,
8.1343

185.7449,
195.4844, 186.7551

■ 5.5591, 5.8546,
4.0920

226.8778,
238.7694, 230.0796

■ 2.6170, 2.7568,
1.6759

273.6747,

■ 0.9546, 1.0061,

288.0141, 279.6343

0.3442

326.5010,
343.6029, 335.8377

■ 0.0000, 0.0000,
0.0000

■ 52.2534, 55.0022,
48.9367

■ 52.2534, 55.0022,
48.9367

■ 48.9488, 51.3838,
38.6140

■ 55.9288, 58.8758,
60.8809

■ 45.9963, 48.0062,
29.8379

■ 59.9841, 63.0039,
74.5099

■ 43.3819, 44.8643,
22.5330

■ 64.4334, 67.3953,
89.8879

■ 41.0892, 41.9503,
16.6159

■ 68.8669, 71.8873,
104.8537

■ 39.0998, 39.2554,
11.9950

■ 70.6337, 75.4208,
105.4426

■ 37.3935, 36.7700,
8.5676

■ 72.4687, 79.0909,
106.0543

■ 35.9469, 34.4834,
6.2150

■ 74.3728, 82.8991,
106.6890

■ 34.7318, 32.3829,
4.7940

■ 76.3467, 86.8469,
107.3470

■ 34.0566, 31.1467,
4.2169

■ 78.3912, 90.9357,
108.0284

Harmonies

Analogous

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



54.3248, 55.0022, 50.2878



52.2534, 55.0022, 48.9367



50.2417, 55.0022, 50.3504

Triad

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



52.2534, 55.0022, 48.9367



48.8320, 55.0022, 65.9935



55.9080, 55.0022, 65.8637

Complementary

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



52.2534, 55.0022, 48.9367



46.1523, 48.2866, 64.0149

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.



54.3685, 55.0022, 70.5599



52.2534, 55.0022, 48.9367



50.2831, 55.0022, 70.6383

Square

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



52.2534, 55.0022, 48.9367



48.2994, 55.0022, 59.9584



52.3025, 55.0022, 72.3623



56.4692, 55.0022, 59.8178

Rectangle

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



52.2534, 55.0022, 48.9367



49.1963, 55.0022, 52.7295



52.3025, 55.0022, 72.3623



55.4857, 55.0022, 67.6668

Sweetspot

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



52.2549, 55.0046, 48.9379



92.4144, 97.2873, 100.1338



49.2199, 47.4056, 52.6403



19.6769, 20.7160, 21.0909



0.0000, 0.0000, 0.0000



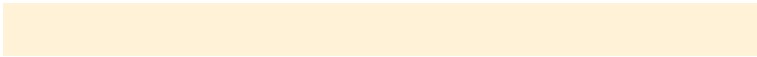
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2549, 55.0046, 48.9379



85.1231, 89.5652, 76.5537



53.0716, 58.5085, 49.5712



11.8382, 12.4653, 11.8615



21.5229, 19.7787, 2.6833



1.1771, 1.1539, 0.1607

Inverse Universe

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



46.1523, 48.2866, 64.0149



73.3934, 76.6531, 105.5350



45.4031, 45.1946, 63.4576



10.8911, 11.4226, 14.2011



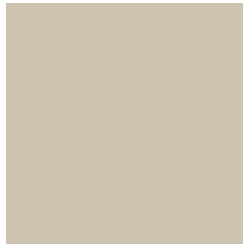
8.1446, 5.3132, 36.5526



0.4889, 0.4116, 1.9086

Previews

White Background



This preview shows how the XYZ color 52.2534, 55.0022, 48.9367 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 52.2534, 55.0022, 48.9367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

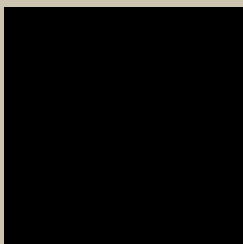
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

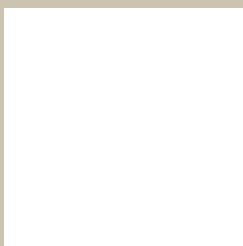
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2534, 55.0022, 48.9367

Background



This preview shows how black text looks on a background with the XYZ color 52.2534, 55.0022, 48.9367.

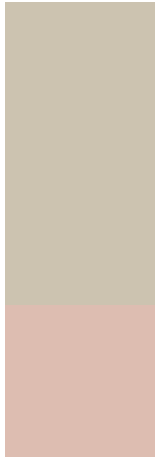


This preview shows how white text looks on a background with the XYZ color 52.2534, 55.0022,

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

52.2534, 55.0022, 48.9367

Protanopia

52.2534, 55.0022, 48.9367

Deuteranopia

55.9522, 54.9417, 49.2508



Tritanopia

55.7838, 55.1277, 66.0931

Trichromacy



Original Color

52.2534, 55.0022, 48.9367

Protanomaly

52.2534, 55.0022, 48.9367

Deuteranomaly

54.5909, 54.8830, 49.3112

Tritanomaly

54.4321, 54.9048, 59.3586

Monochromacy



Original Color

52.2534, 55.0022, 48.9367

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.4784, 55.2961, 56.0514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2534, 55.0022, 48.9367 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(204, 195, 176)` looks like.

```
.text, #text, p{  
    color:rgb(204, 195, 176)  
}
```

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(204, 195, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 195, 176) }
```

Border

The CSS property to change the border of an element to XYZ 52.2534, 55.0022, 48.9367 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(204, 195, 176) }
```


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

```
.border{ border-color:rgb(204, 195, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 195, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 195, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 195, 176);  
box-shadow:4px 4px 4px 4px rgb(204, 195,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2534, 55.0022, 48.9367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 195, 176) }
```

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

```
.background{ background-color: rgb(204,  
195, 176) }
```

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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