

Converting Colors

XYZ(54.3181, 54.3179, 38.8538)

Have a look what the booklet for
XYZ(54.3181, 54.3179, 38.8538)
contains.

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Color

**XYZ(54.3225, 54.3251,
39.0752)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBD9C
RGB	222, 189, 156
RGB Percent	87%, 74%, 61%
CMY	0.1294, 0.2588, 0.3882
CMYK	0.00, 0.15, 0.30, 0.13
HSL	30°, 50%, 74%
HSV	30°, 30%, 87%
XYZ	54.3225, 54.3251, 39.0752
YIQ	195.1050, 30.2610, -3.2670

Conversions

Conversions Part 2

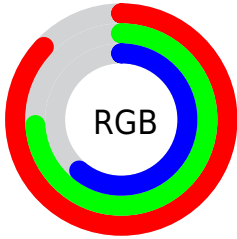
Format	Color
R _Y B	222, 222, 156
Decimal	14597532
CIE Lab	78.65, 6.96, 21.06
CIE LCh	79, 22.184, 71.714
Yxy	54.3251, 0.3677, 0.3678
Android (android.graphics.Color)	4292787612 (0xFFDEBD9C)
YUV	195.1050, -19.2788, 23.5869
Hunter-Lab	73.7056, 2.5734, 20.1611

Details

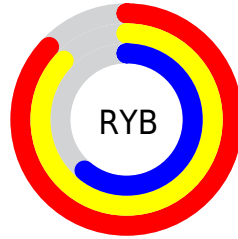
The XYZ color **54.3225, 54.3251, 39.0752** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.0921, 48.7354, 76.1375**, and the grayscale version is **52.0342, 54.7440, 59.6162**.

A 20% lighter version of the original color is **85.6503, 91.2680, 74.7302**, and **27.0798, 26.7352, 17.0978** is the 20% darker color. If you saturate the color by 10%, you get **50.3154, 49.0492, 29.2973**, and if you desaturate by 10%, it is **58.8587, 60.1088, 50.7257**.

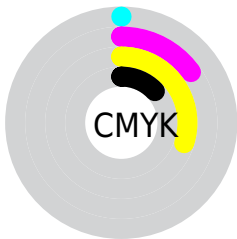
Distribution



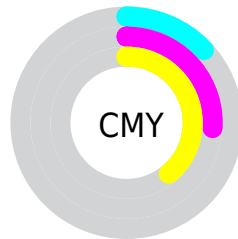
- Red (87%)
- Green (74%)
- Blue (61%)



- Red (87%)
- Yellow (87%)
- Blue (61%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (13%)





- Cyan (13%)
- Magenta (26%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3225, 54.3251, 39.0752 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 54.3225, 54.3251, 39.0752 by changing the saturation by 10% instead.


 54.3225, 54.3251,
39.0752


 54.3225, 54.3251,
39.0752


393.5169,
403.3485, 357.6456

 39.0912, 38.8616,
26.5100


 95.7017, 96.5514,
74.9748

 27.0118, 26.6521,
16.9763


 122.5804,
124.0831, 99.1462

 17.7187, 17.3121,
10.0558


154.0723,
156.4062, 128.0234

 10.8467, 10.4573,
5.3299

190.5427,
193.9053, 162.0250

 6.0304, 5.7032,
2.3800

232.3570,
236.9646, 201.5695

 2.9044, 2.6654,
0.7755

279.8806,

 1.1034, 0.9597,

285.9687, 247.0754

0.0000

333.4788,
341.3019, 298.9612

■ 0.0280, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3225, 54.3251,
39.0752

■ 54.3225, 54.3251,
39.0752

■ 50.3154, 49.0492,
29.2973

■ 58.8587, 60.1088,
50.7257

■ 46.8104, 44.2581,
21.2887

■ 63.9411, 66.4077,
64.3379

■ 43.7843, 39.9376,
14.9409

■ 69.5910, 73.2383,
79.9993

■ 41.2096, 36.0698,
10.1321

■ 75.8274, 80.6141,
97.7911

■ 39.0560, 32.6352,
6.7235

■ 80.6748, 87.7507,
107.2933

■ 37.2875, 29.6120,
4.5507

■ 83.9342, 94.2696,
108.3798

■ 35.8466, 26.9692,
3.3335

■ 35.8104, 26.9021,
3.3052

Harmonies

Analogous

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



58.1806, 54.3251, 44.5072



54.3225, 54.3251, 39.0752



49.9430, 54.3251, 38.5349

Triad

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



54.3225, 54.3251, 39.0752



43.8181, 54.3251, 64.1850



57.4445, 54.3251, 79.0470

Complementary

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



54.3225, 54.3251, 39.0752



45.0921, 48.7354, 76.1375

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.



53.3635, 54.3251, 86.0550



54.3225, 54.3251, 39.0752



45.5986, 54.3251, 76.6984

Square

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



54.3225, 54.3251, 39.0752



44.0425, 54.3251, 51.9003



49.0364, 54.3251, 85.1393



60.0521, 54.3251, 67.0469

Rectangle

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



54.3225, 54.3251, 39.0752



47.3319, 54.3251, 40.9115



49.0364, 54.3251, 85.1393



56.1900, 54.3251, 82.1363

Sweetspot

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



54.3239, 54.3276, 39.0763



88.0210, 91.5059, 89.4044



51.1983, 42.9812, 53.7423



18.6099, 19.3043, 18.5086



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.



54.3239, 54.3276, 39.0763



70.6955, 69.5649, 44.4457



62.2464, 70.1725, 41.7171



14.2707, 14.8273, 14.4166



21.3819, 16.2018, 2.0003



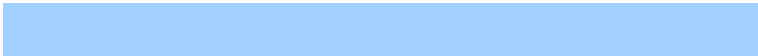
1.5716, 1.3021, 0.1685

Inverse Universe

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



45.0921, 48.7354, 76.1375



56.0186, 60.6743, 103.3666



38.7842, 36.1195, 74.0348



13.5153, 14.3698, 17.4490



11.3181, 10.1058, 42.4024



0.8741, 0.8796, 2.9689

Previews

White Background



This preview shows how the XYZ color 54.3225, 54.3251, 39.0752 looks on a white background.

Color Contrast Check

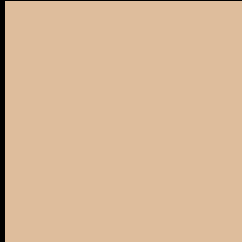
Large Text (above 18pt) WCAG AA × Fail

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 54.3225, 54.3251, 39.0752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

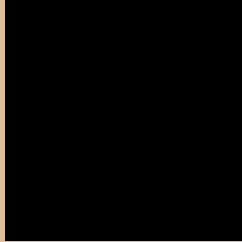
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3225, 54.3251, 39.0752

Background



This preview shows how black text looks on a background with the XYZ color 54.3225, 54.3251, 39.0752.



This preview shows how white text looks on a background with the XYZ color 54.3225, 54.3251,

39.0752.

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

54.3225, 54.3251, 39.0752

Protanopia

51.0034, 54.2086, 40.5760

Deuteranopia

55.4496, 54.2718, 39.0055



Tritanopia

58.6901, 54.2291, 60.1973

Trichromacy



Original Color

54.3225, 54.3251, 39.0752

Protanomaly

52.1726, 54.1649, 40.0528

Deuteranomaly

55.0353, 54.3743, 39.0471

Tritanomaly

56.8438, 54.0829, 51.6990

Monochromacy



Original Color

54.3225, 54.3251, 39.0752

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.5873, 54.4553, 51.4553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3225, 54.3251, 39.0752 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(222, 189, 156)` looks like.

```
.text, #text, p{  
    color:rgb(222, 189, 156)  
}
```

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(222, 189, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 189, 156) }
```

Border

The CSS property to change the border of an element to XYZ 54.3225, 54.3251, 39.0752 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(222, 189, 156) }
```


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

```
.border{ border-color:rgb(222, 189, 156) }
```

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

Here you see how a box with a 4 pixel rgb(222, 189, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 189, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 189, 156);  
box-shadow:4px 4px 4px 4px rgb(222, 189,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3225, 54.3251, 39.0752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 189, 156) }
```

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

```
.background{ background-color: rgb(222,  
189, 156) }
```

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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