

Converting Colors

XYZ(53.2535, 53.9754, 40.2710)

Have a look what the booklet for
XYZ(53.2535, 53.9754, 40.2710)
contains.

XYZ(53.2867, 54.0818, 40.4312)	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(53.2867, 54.0818,
40.4312)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BE9F
RGB	217, 190, 159
RGB Percent	85%, 75%, 62%
CMY	0.1490, 0.2549, 0.3765
CMYK	0.00, 0.12, 0.27, 0.15
HSL	32°, 43%, 74%
HSV	32°, 27%, 85%
XYZ	53.2867, 54.0818, 40.4312
YIQ	194.5390, 26.0430, -3.9170

Conversions

Conversions Part 2

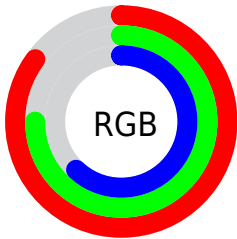
Format	Color
R _Y B	210, 217, 159
Decimal	14270111
CIE Lab	78.51, 4.92, 19.19
CIE LCh	79, 19.814, 75.634
Yxy	54.0818, 0.3605, 0.3659
Android (android.graphics.Color)	4292460191 (0xFFD9BE9F)
YUV	194.5390, -17.5207, 19.6983
Hunter-Lab	73.5403, 0.6440, 18.8816

Details

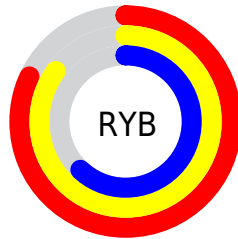
The XYZ color **53.2867, 54.0818, 40.4312** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.3809, 47.4971, 72.4745**, and the grayscale version is **51.6887, 54.3806, 59.2204**.

A 20% lighter version of the original color is **86.3334, 92.0266, 76.8310**, and **26.2974, 26.5299, 17.6447** is the 20% darker color. If you saturate the color by 10%, you get **49.4545, 49.1709, 30.6649**, and if you desaturate by 10%, it is **57.6039, 59.4331, 51.9914**.

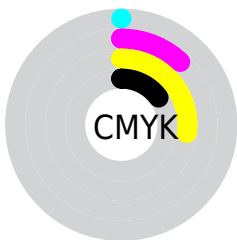
Distribution



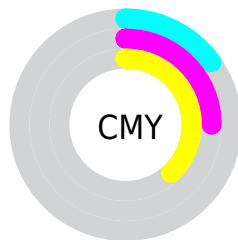
- Red (85%)
- Green (75%)
- Blue (62%)



- Red (82%)
- Yellow (85%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (27%)
- Black (15%)





- Cyan (15%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2867, 54.0818, 40.4312 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 53.2867, 54.0818, 40.4312 by changing the saturation by 10% instead.


 53.2867, 54.0818,
40.4312


 53.2867, 54.0818,
40.4312


389.6270,
402.4219, 363.5437

 38.2601, 38.6671,
27.5586

 94.1892, 96.1943,
77.0639

 26.3627, 26.5008,
17.7570


 120.7957,
123.6609, 101.6611

 17.2293, 17.1987,
10.6081


151.9930,
155.9136, 131.0036

 10.4944, 10.3762,
5.6931

188.1462,
193.3367, 165.5098

 5.7928, 5.6491,
2.5936

229.6209,
236.3147, 205.5984

 2.7589, 2.6329,
0.8892

276.7824,

 1.0276, 0.9432,

285.2320, 251.6879

0.0000

329.9960,
340.4729, 304.1968

■ 0.0000, 0.0000,
0.0000

■ 53.2867, 54.0818,
40.4312

■ 53.2867, 54.0818,
40.4312

■ 49.4545, 49.1709,
30.6649

■ 57.6039, 59.4331,
51.9914

■ 46.0829, 44.6800,
22.5970

■ 62.4210, 65.2298,
65.4274

■ 43.1511, 40.5977,
16.1283

■ 67.7571, 71.4860,
80.8203

■ 40.6351, 36.9092,
11.1479

■ 73.6293, 78.2130,
98.2452

■ 38.5079, 33.5983,
7.5302

■ 77.9745, 84.5900,
106.8256

■ 36.7384, 30.6470,
5.1287

■ 81.0394, 90.7199,
107.8472

■ 35.2875, 28.0337,
3.7551

■ 82.4253, 93.4917,
108.3092

■ 34.8607, 27.2425,
3.4210

Harmonies

Analogous

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



56.8283, 54.0818, 44.8253



53.2867, 54.0818, 40.4312



49.4081, 54.0818, 40.5271

Triad

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



53.2867, 54.0818, 40.4312



44.5130, 54.0818, 64.8668



56.9539, 54.0818, 75.2199

Complementary

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



53.2867, 54.0818, 40.4312



44.3809, 47.4971, 72.4745

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.



53.4511, 54.0818, 82.0896



53.2867, 54.0818, 40.4312



46.3347, 54.0818, 75.6164

Square

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



53.2867, 54.0818, 40.4312



44.4740, 54.0818, 53.7152



49.5645, 54.0818, 82.2432



59.0170, 54.0818, 64.3781

Rectangle

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



53.2867, 54.0818, 40.4312



47.1558, 54.0818, 43.0954



49.5645, 54.0818, 82.2432



55.8981, 54.0818, 78.1274

Sweetspot

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



53.2881, 54.0843, 40.4323



88.9831, 92.8459, 91.5257



49.8839, 43.0966, 52.1814



18.8135, 19.5952, 18.9350



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.



53.2881, 54.0843, 40.4323



73.6397, 73.9288, 50.1269



59.1151, 66.5863, 42.5383



13.6295, 14.1984, 13.7478



21.2096, 16.7048, 2.1065



1.4600, 1.2541, 0.1651

Inverse Universe

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



44.3809, 47.4971, 72.4745



58.7609, 62.9274, 103.6569



39.6076, 37.3769, 70.7727



12.8357, 13.6112, 16.6028



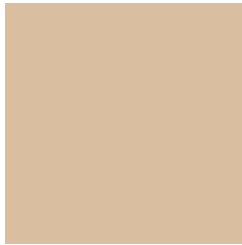
10.5023, 8.8740, 40.8977



0.7661, 0.7463, 2.6781

Previews

White Background



This preview shows how the XYZ color 53.2867, 54.0818, 40.4312 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 53.2867, 54.0818, 40.4312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

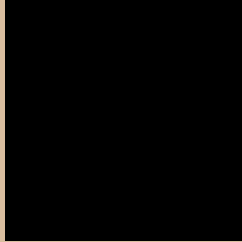
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2867, 54.0818, 40.4312

Background



This preview shows how black text looks on a background with the XYZ color 53.2867, 54.0818, 40.4312.



This preview shows how white text looks on a background with the XYZ color 53.2867, 54.0818,

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

53.2867, 54.0818, 40.4312

Protanopia

50.9016, 54.1359, 41.4847

Deuteranopia

55.1668, 54.0863, 40.7898



Tritanopia

57.5735, 53.9341, 61.4087

Trichromacy



Original Color

53.2867, 54.0818, 40.4312

Protanomaly

51.7096, 54.2333, 41.0004

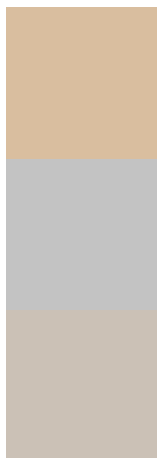
Deuteranomaly

54.4526, 54.0341, 40.8174

Tritanomaly

55.7258, 53.7941, 52.7936

Monochromacy



Original Color

53.2867, 54.0818, 40.4312

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.1421, 54.2138, 51.9721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2867, 54.0818, 40.4312 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(217, 190, 159)` looks like.

```
.text, #text, p{  
    color:rgb(217, 190, 159)  
}
```

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(217, 190, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 190, 159) }
```

Border

The CSS property to change the border of an element to XYZ 53.2867, 54.0818, 40.4312 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(217, 190, 159) }
```


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

```
.border{ border-color:rgb(217, 190, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 190, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 190, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 190, 159);  
box-shadow:4px 4px 4px 4px rgb(217, 190,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2867, 54.0818, 40.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 190, 159) }
```

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

```
.background{ background-color: rgb(217,  
190, 159) }
```

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