

Converting Colors

XYZ(53.0079, 53.0933, 35.6131)

Have a look what the booklet for
XYZ(53.0079, 53.0933, 35.6131)
contains.

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Color

**XYZ(52.9344, 53.0509,
35.4669)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBB94
RGB	221, 187, 148
RGB Percent	87%, 73%, 58%
CMY	0.1333, 0.2666, 0.4196
CMYK	0.00, 0.15, 0.33, 0.13
HSL	32°, 52%, 72%
HSV	32°, 33%, 87%
XYZ	52.9344, 53.0509, 35.4669
YIQ	192.7200, 32.7830, -4.9210

Conversions

Conversions Part 2

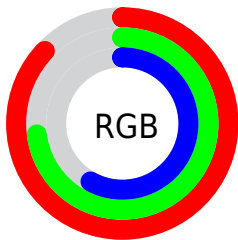
Format	Color
R _Y B	212, 221, 148
Decimal	14531476
CIE Lab	77.91, 6.61, 24.29
CIE LCh	78, 25.178, 74.778
Yxy	53.0509, 0.3742, 0.3750
Android (android.graphics.Color)	4292721556 (0xFFDDBB94)
YUV	192.7200, -22.0470, 24.8016
Hunter-Lab	72.8360, 2.2638, 22.1145

Details

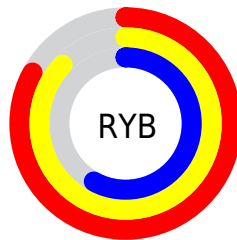
The XYZ color **52.9344, 53.0509, 35.4669** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.9914, 44.9709, 74.8737**, and the grayscale version is **50.6371, 53.2742, 58.0156**.

A 20% lighter version of the original color is **83.9513, 89.6255, 68.7519**, and **26.1998, 25.9126, 14.9300** is the 20% darker color. If you saturate the color by 10%, you get **49.2441, 48.2073, 26.4149**, and if you desaturate by 10%, it is **57.1180, 58.3460, 46.3321**.

Distribution



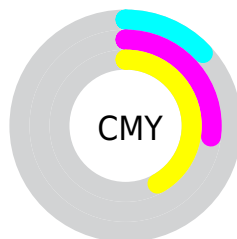
- Red (87%)
- Green (73%)
- Blue (58%)



- Red (83%)
- Yellow (87%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9344, 53.0509, 35.4669 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 52.9344, 53.0509, 35.4669 by changing the saturation by 10% instead.


 52.9344, 53.0509,
35.4669


 52.9344, 53.0509,
35.4669


388.2984,
398.4804, 341.5911

 37.9777, 37.8434,
23.7363


 93.6739, 94.6793,
69.3682

 26.1425, 25.8612,
14.9278

 120.1874,
121.8689, 92.3760

 17.0635, 16.7198,
8.6226


151.2839,
153.8214, 119.9800

 10.3754, 10.0349,
4.4024

187.3287,
190.9212, 152.5986

 5.7127, 5.4221,
1.8486

228.6872,
233.5525, 190.6505

 2.7102, 2.4970,
0.4597

275.7248,

 1.0024, 0.8751,

282.0999, 234.5542

0.0000

328.8067,
336.9477, 284.7282

■ 0.0000, 0.0000,
0.0000

■ 52.9344, 53.0509,
35.4669

■ 52.9344, 53.0509,
35.4669

■ 49.2441, 48.2073,
26.4149

■ 57.1180, 58.3460,
46.3321

■ 46.0205, 43.7938,
19.0715

■ 61.8114, 64.0985,
59.1009

■ 43.2408, 39.7976,
13.3259

■ 67.0355, 70.3236,
73.8612

■ 40.8780, 36.2023,
9.0532

■ 72.8085, 77.0334,
90.6948

■ 38.9012, 32.9899,
6.1092

■ 78.5787, 84.0119,
106.6821

■ 37.2739, 30.1398,
4.3201

■ 81.6691, 90.1927,
107.7123

■ 36.3070, 28.3486,
3.5582

■ 83.6288, 94.1122,
108.3655

Harmonies

Analogous

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



57.4019, 53.0509, 40.7849



52.9344, 53.0509, 35.4669



48.0609, 53.0509, 35.4279

Triad

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



52.9344, 53.0509, 35.4669



41.8611, 53.0509, 64.9138



57.3458, 53.0509, 79.0819

Complementary

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



52.9344, 53.0509, 35.4669



41.9914, 44.9709, 74.8737

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.



52.8618, 53.0509, 87.9352



52.9344, 53.0509, 35.4669



44.0345, 53.0509, 78.9003

Square

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



52.9344, 53.0509, 35.4669



41.8778, 53.0509, 50.9729



47.9929, 53.0509, 87.8638



60.0588, 53.0509, 65.1317

Rectangle

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



52.9344, 53.0509, 35.4669



45.2441, 53.0509, 38.3356



47.9929, 53.0509, 87.8638



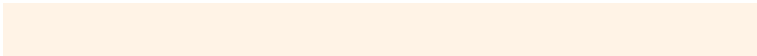
55.9833, 53.0509, 82.8458

Sweetspot

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



52.9358, 53.0534, 35.4680



87.5408, 91.1211, 87.4695



48.8595, 39.9327, 49.4252



18.5245, 19.2481, 18.1266



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.



52.9358, 53.0534, 35.4680



69.4239, 68.4281, 39.6859



60.2852, 68.8441, 38.1286



13.6293, 14.1979, 13.7477



21.2058, 16.6972, 2.1052



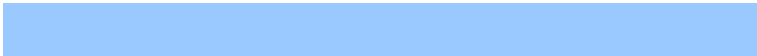
1.4598, 1.2536, 0.1650

Inverse Universe

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



41.9914, 44.9709, 74.8737



51.9572, 55.5329, 102.5882



36.2992, 32.9262, 72.8489



12.8360, 13.6118, 16.6029



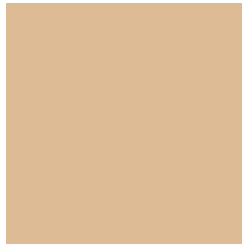
10.5055, 8.8805, 40.8988



0.7663, 0.7467, 2.6782

Previews

White Background



This preview shows how the XYZ color 52.9344, 53.0509, 35.4669 looks on a white background.

Color Contrast Check

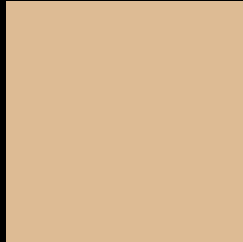
Large Text (above 18pt) WCAG AA × Fail

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 52.9344, 53.0509, 35.4669 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 52.9344, 53.0509, 35.4669

Background



This preview shows how black text looks on a background with the XYZ color 52.9344, 53.0509, 35.4669.



This preview shows how white text looks on a background with the XYZ color 52.9344, 53.0509,

35.4669.

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

52.9344, 53.0509, 35.4669

Protanopia

49.5315, 52.8804, 36.4505

Deuteranopia

54.0583, 53.0048, 35.3987



Tritanopia

57.7382, 53.1566, 58.8469

Trichromacy



Original Color

52.9344, 53.0509, 35.4669

Protanomaly

50.7022, 52.8457, 35.9617

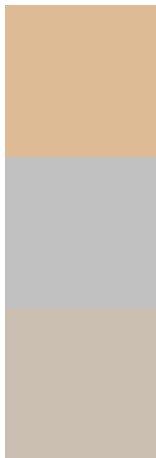
Deuteranomaly

53.6447, 53.1032, 35.4395

Tritanomaly

55.7098, 52.9286, 49.3995

Monochromacy



Original Color

52.9344, 53.0509, 35.4669

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.1952, 53.1324, 49.1523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9344, 53.0509, 35.4669 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(221, 187, 148)` looks like.

```
.text, #text, p{  
    color:rgb(221, 187, 148)  
}
```

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(221, 187, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 187, 148) }
```

Border

The CSS property to change the border of an element to XYZ 52.9344, 53.0509, 35.4669 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(221, 187, 148) }
```


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

```
.border{ border-color:rgb(221, 187, 148) }
```

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

Here you see how a box with a 4 pixel rgb(221, 187, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 187, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 187, 148);  
box-shadow:4px 4px 4px 4px rgb(221, 187,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9344, 53.0509, 35.4669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 187, 148) }
```

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

```
.background{ background-color: rgb(221,  
187, 148) }
```

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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