

Converting Colors

XYZ(53.3427, 53.3024, 35.3613)

Have a look what the booklet for
XYZ(53.3427, 53.3024, 35.3613)
contains.

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Color

**XYZ(53.2398, 53.2084,
35.4812)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBB94
RGB	222, 187, 148
RGB Percent	87%, 73%, 58%
CMY	0.1294, 0.2666, 0.4196
CMYK	0.00, 0.16, 0.33, 0.13
HSL	32°, 53%, 73%
HSV	32°, 33%, 87%
XYZ	53.2398, 53.2084, 35.4812
YIQ	193.0190, 33.3790, -4.7090

Conversions

Conversions Part 2

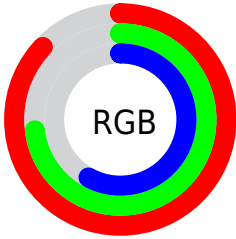
Format	Color
RYB	214, 222, 148
Decimal	14597012
CIELab	78.00, 7.00, 24.44
CIELCh	78, 25.419, 74.015
Yxy	53.2084, 0.3751, 0.3749
Android (android.graphics.Color)	4292787092 (0xFFDEBB94)
YUV	193.0190, -22.1944, 25.4163
Hunter-Lab	72.9441, 2.6299, 22.2212

Details

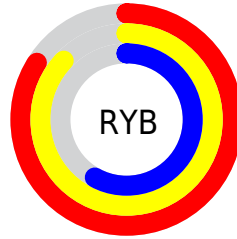
The XYZ color **53.2398, 53.2084, 35.4812** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.3305, 45.4352, 75.6460**, and the grayscale version is **50.8135, 53.4598, 58.2177**.

A 20% lighter version of the original color is **83.9513, 89.6255, 68.7519**, and **26.4087, 26.0203, 14.9398** is the 20% darker color. If you saturate the color by 10%, you get **49.5023, 48.2808, 26.3817**, and if you desaturate by 10%, it is **57.4799, 58.6014, 46.4120**.

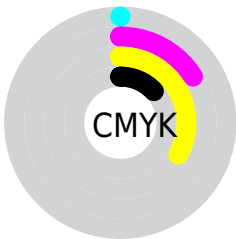
Distribution



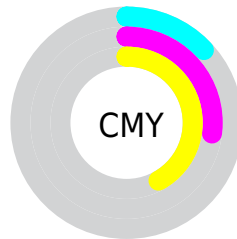
- Red (87%)
- Green (73%)
- Blue (58%)



- Red (84%)
- Yellow (87%)
- Blue (58%)



- Cyan (0%)
- Magenta (16%)
- Yellow (33%)
- Black (13%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2398, 53.2084, 35.4812 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 53.2398, 53.2084, 35.4812 by changing the saturation by 10% instead.


 53.2398, 53.2084,
35.4812


 53.2398, 53.2084,
35.4812


389.4503,
399.0842, 341.6558

 38.2225, 37.9692,
23.7473


 94.1206, 94.9110,
69.3906

 26.3334, 25.9588,
14.9358


 120.7148,
122.1431, 92.4031

 17.2072, 16.7928,
8.6282


151.8986,
154.1416, 120.0122

 10.4786, 10.0869,
4.4060

188.0375,
191.2909, 152.6365

 5.7821, 5.4566,
1.8506

229.4967,
233.9754, 190.6944

 2.7524, 2.5176,
0.4610

276.6417,

 1.0242, 0.8854,

282.5795, 234.6046

0.0000

329.8378,
337.4877, 284.7856

■ 0.0000, 0.0000,
0.0000

■ 53.2398, 53.2084,
35.4812

■ 53.2398, 53.2084,
35.4812

■ 49.5023, 48.2808,
26.3817

■ 57.4799, 58.6014,
46.4120

■ 46.2405, 43.7966,
19.0073

■ 62.2397, 64.4663,
59.2657

■ 43.4310, 39.7426,
13.2458

■ 67.5404, 70.8186,
74.1315

■ 41.0461, 36.1019,
8.9702

■ 73.4005, 77.6709,
91.0923

■ 39.0544, 32.8556,
6.0338

■ 79.1867, 84.7747,
106.7973

■ 37.4185, 29.9826,
4.2596

■ 82.3588, 91.1187,
107.8546

■ 36.4872, 28.2557,
3.5308

■ 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



57.7319, 53.2084, 40.9823



53.2398, 53.2084, 35.4812



48.3026, 53.2084, 35.3066

Triad

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



53.2398, 53.2084, 35.4812



41.8885, 53.2084, 64.7908



57.4795, 53.2084, 79.8340

Complementary

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



53.2398, 53.2084, 35.4812



42.3305, 45.4352, 75.6460

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.



52.9134, 53.2084, 88.6131



53.2398, 53.2084, 35.4812



44.0318, 53.2084, 79.0163

Square

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



53.2398, 53.2084, 35.4812



41.9632, 53.2084, 50.7474



47.9968, 53.2084, 88.2915



60.2866, 53.2084, 65.7709

Rectangle

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



53.2398, 53.2084, 35.4812



45.4329, 53.2084, 38.1492



47.9968, 53.2084, 88.2915



56.0869, 53.2084, 83.5959

Sweetspot

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



53.2412, 53.2109, 35.4823



87.4857, 91.0109, 87.4512



49.3417, 40.1609, 50.3710



18.5112, 19.2215, 18.1222



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.



53.2412, 53.2109, 35.4823



69.2454, 68.0711, 39.6264



61.2145, 69.7162, 38.2479



14.3022, 14.8904, 14.4271



21.7850, 17.0078, 2.1346



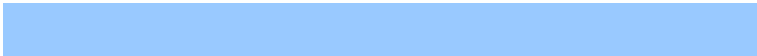
1.5995, 1.3579, 0.1778

Inverse Universe

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



42.3305, 45.4352, 75.6460



52.1286, 55.8758, 102.6454



36.2123, 32.8660, 73.5424



13.4839, 14.3070, 17.4385



10.9407, 9.3509, 42.2766



0.8475, 0.8264, 2.9601

Previews

White Background



This preview shows how the XYZ color 53.2398, 53.2084, 35.4812 looks on a white background.

Color Contrast Check

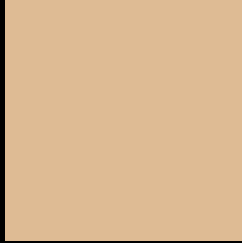
Large Text (above 18pt) WCAG AA × Fail

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 53.2398, 53.2084, 35.4812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

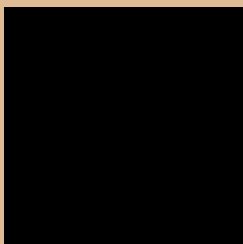
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2398, 53.2084, 35.4812

Background



This preview shows how black text looks on a background with the XYZ color 53.2398, 53.2084, 35.4812.



This preview shows how white text looks on a background with the XYZ color 53.2398, 53.2084,

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

53.2398, 53.2084, 35.4812

Protanopia

50.1095, 53.4961, 36.9629

Deuteranopia

54.3728, 53.1669, 35.4135



Tritanopia

58.0528, 53.3188, 58.8616

Trichromacy



Original Color

53.2398, 53.2084, 35.4812

Protanomaly

51.2872, 53.4607, 36.4700

Deuteranomaly

53.9555, 53.2635, 35.4541

Tritanomaly

56.0207, 53.0889, 49.4140

Monochromacy



Original Color

53.2398, 53.2084, 35.4812

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.4685, 53.2733, 49.1651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2398, 53.2084, 35.4812 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, 187, 148)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 187, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 187, 148) }
```

Border

The CSS property to change the border of an element to XYZ 53.2398, 53.2084, 35.4812 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, 187, 148) }
```


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

```
.border{ border-color:rgb(222, 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(222, 187, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 187, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 187, 148);  
box-shadow:4px 4px 4px 4px rgb(222, 187,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2398, 53.2084, 35.4812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 187, 148) }
```

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

```
.background{ background-color: rgb(222,  
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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