

Converting Colors

XYZ(54.1044, 54.9268, 35.7844)

Have a look what the booklet for
XYZ(54.1044, 54.9268, 35.7844)
contains.

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Color

**XYZ(54.1003, 54.9293,
35.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBF94
RGB	222, 191, 148
RGB Percent	87%, 75%, 58%
CMY	0.1294, 0.2510, 0.4196
CMYK	0.00, 0.14, 0.33, 0.13
HSL	35°, 53%, 73%
HSV	35°, 33%, 87%
XYZ	54.1003, 54.9293, 35.7680
YIQ	195.3670, 32.2790, -6.8010

Conversions

Conversions Part 2

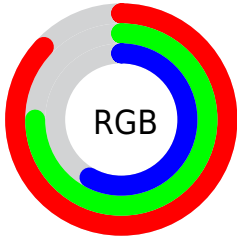
Format	Color
R_{YB}	201, 222, 148
Decimal	14598036
CIE _{Lab}	79.00, 4.89, 25.80
CIE _{LCh}	79, 26.254, 79.272
Yxy	54.9293, 0.3736, 0.3794
Android (android.graphics.Color)	4292788116 (0xFFDEBF94)
YUV	195.3670, -23.3519, 23.3571
Hunter-Lab	74.1143, 0.5974, 23.2663

Details

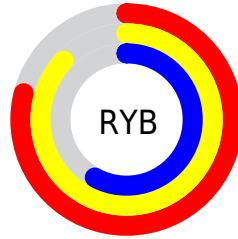
The XYZ color **54.1003, 54.9293, 35.7680** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.5172, 43.8087, 75.3751**, and the grayscale version is **52.2134, 54.9325, 59.8215**.

A 20% lighter version of the original color is **85.1614, 92.0458, 69.1552**, and **26.9720, 27.1470, 15.1276** is the 20% darker color. If you saturate the color by 10%, you get **50.5454, 50.3669, 26.7294**, and if you desaturate by 10%, it is **58.1238, 59.8891, 46.6267**.

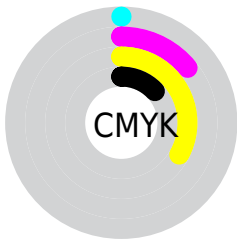
Distribution



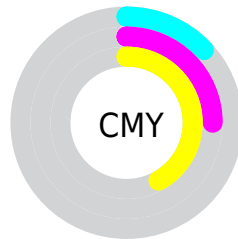
- Red (87%)
- Green (75%)
- Blue (58%)



- Red (79%)
- Yellow (87%)
- Blue (58%)



- Cyan (0%)
- Magenta (14%)
- Yellow (33%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1003, 54.9293, 35.7680 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 54.1003, 54.9293, 35.7680 by changing the saturation by 10% instead.


 54.1003, 54.9293,
35.7680


 54.1003, 54.9293,
35.7680


392.6845,
405.6439, 342.9521

 38.9128, 39.3451,
23.9668


 95.3775, 97.4374,
69.8388

 26.8724, 27.0283,
15.0970


 122.1980,
125.1300, 92.9456

 17.6135, 17.5945,
8.7401


153.6269,
157.6277, 120.6579

 10.7708, 10.6592,
4.4776

190.0295,
195.3146, 153.3943

 5.9791, 5.8382,
1.8908

231.7712,
238.5753, 191.5734

 2.8729, 2.7469,
0.4869

279.2174,

 1.0869, 1.0011,

287.7942, 235.6137

0.0000

332.7333,
343.3556, 285.9337

■ 0.0141, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1003, 54.9293,
35.7680

■ 54.1003, 54.9293,
35.7680

■ 50.5454, 50.3669,
26.7294

■ 58.1238, 59.8891,
46.6267

■ 47.4331, 46.1818,
19.4049


■ 62.6319, 65.2505,
59.3964


■ 44.7413, 42.3632,
13.6826


■ 67.6446, 71.0270,
74.1663


■ 42.4434, 38.8964,
9.4359


■ 73.1798, 77.2293,
91.0188

 40.5093, 35.7654,
6.5187

 78.6030, 83.6070,
106.6027

 38.9030, 32.9513,
4.7544

 81.3730, 89.1471,
107.5260

 37.9764, 31.2339,
4.0272

 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.



59.0387, 54.9293, 40.5541



54.1003, 54.9293, 35.7680



48.9638, 54.9293, 36.5610

Triad

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



54.1003, 54.9293, 35.7680



43.2914, 54.9293, 69.8121



60.1945, 54.9293, 80.6043

Complementary

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



54.1003, 54.9293, 35.7680



41.5172, 43.8087, 75.3751

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.



55.5938, 54.9293, 91.2716



54.1003, 54.9293, 35.7680



45.9268, 54.9293, 84.3580

Square

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



54.1003, 54.9293, 35.7680



42.9505, 54.9293, 54.6134



50.3616, 54.9293, 92.7496



62.7098, 54.9293, 65.3234

Rectangle

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



54.1003, 54.9293, 35.7680



46.1064, 54.9293, 40.1928



50.3616, 54.9293, 92.7496



58.8268, 54.9293, 84.9499

Sweetspot

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



54.1017, 54.9318, 35.7691



87.8996, 91.8388, 87.5891



48.9595, 40.0080, 48.3581



18.6113, 19.4218, 18.1555



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.



54.1017, 54.9318, 35.7691



70.6025, 70.7854, 40.0788



60.1019, 69.1428, 38.1959



14.3656, 15.0171, 14.4482



22.6694, 18.7767, 2.4295



1.6592, 1.4773, 0.1977

Inverse Universe

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



41.5172, 43.8087, 75.3751



50.8644, 53.3474, 102.2240



36.8996, 33.2203, 73.5747



13.4214, 14.1820, 17.4177



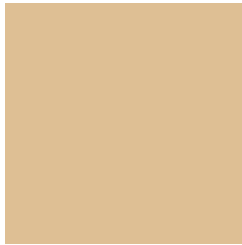
10.2602, 7.9899, 42.0498



0.7982, 0.7279, 2.9437

Previews

White Background



This preview shows how the XYZ color 54.1003, 54.9293, 35.7680 looks on a white background.

Color Contrast Check

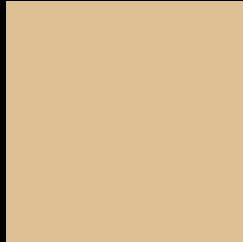
Large Text (above 18pt) WCAG AA × Fail

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 54.1003, 54.9293, 35.7680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

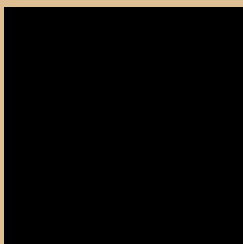
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1003, 54.9293, 35.7680

Background



This preview shows how black text looks on a background with the XYZ color 54.1003, 54.9293, 35.7680.



This preview shows how white text looks on a background with the XYZ color 54.1003, 54.9293,

35.7680.

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

54.1003, 54.9293, 35.7680

Protanopia

51.3146, 54.7875, 36.7246

Deuteranopia

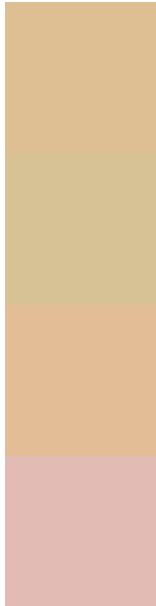
56.0412, 54.9594, 36.0883



Tritanopia

59.4442, 54.8985, 61.4962

Trichromacy



Original Color

54.1003, 54.9293, 35.7680

Protanomaly

52.4482, 55.0496, 36.2951

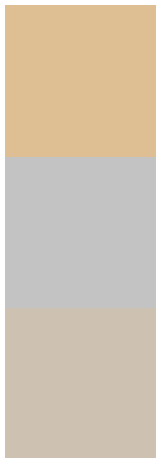
Deuteranomaly

55.3010, 54.8960, 36.1151

Tritanomaly

57.3726, 55.0047, 50.7731

Monochromacy



Original Color

54.1003, 54.9293, 35.7680

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.5045, 54.7771, 49.9252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1003, 54.9293, 35.7680 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, 191, 148)` looks like.

```
.text, #text, p{  
    color:rgb(222, 191, 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, 191, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 191, 148) }
```

Border

The CSS property to change the border of an element to XYZ 54.1003, 54.9293, 35.7680 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, 191, 148) }
```


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

```
.border{ border-color:rgb(222, 191, 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, 191, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 191, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 191, 148);  
box-shadow:4px 4px 4px 4px rgb(222, 191,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1003, 54.9293, 35.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 191, 148) }
```

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

```
.background{ background-color: rgb(222,  
191, 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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