

Converting Colors

XYZ(53.1964, 54.9270, 44.3574)

Have a look what the booklet for
XYZ(53.1964, 54.9270, 44.3574)
contains.

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Color

**XYZ(53.1964, 54.9270,
44.3574)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C1A7
RGB	212, 193, 167
RGB Percent	83%, 76%, 65%
CMY	0.1686, 0.2431, 0.3451
CMYK	0.00, 0.09, 0.21, 0.17
HSL	35°, 34%, 74%
HSV	35°, 21%, 83%
XYZ	53.1964, 54.9270, 44.3574
YIQ	195.7170, 19.6700, -4.0580

Conversions

Conversions Part 2

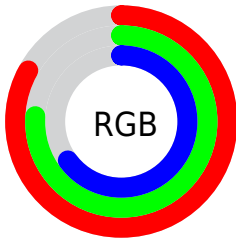
Format	Color
RYB	200, 212, 167
Decimal	13943207
CIELab	79.00, 2.57, 15.53
CIELCh	79, 15.741, 80.596
Yxy	54.9270, 0.3489, 0.3602
Android (android.graphics.Color)	4292133287 (0xFFD4C1A7)
YUV	195.7170, -14.1575, 14.2802
Hunter-Lab	74.1128, -1.5742, 16.3931

Details

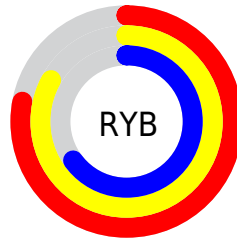
The XYZ color **53.1964, 54.9270, 44.3574** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.3786, 48.0856, 69.1775**, and the grayscale version is **52.3749, 55.1024, 60.0066**.

A 20% lighter version of the original color is **88.3005, 94.2853, 82.6522**, and **26.3772, 27.1621, 20.0722** is the 20% darker color. If you saturate the color by 10%, you get **49.4766, 50.3706, 34.2280**, and if you desaturate by 10%, it is **57.3602, 59.8563, 56.2212**.

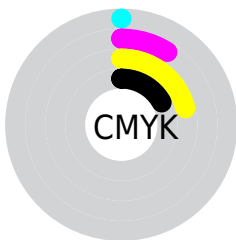
Distribution



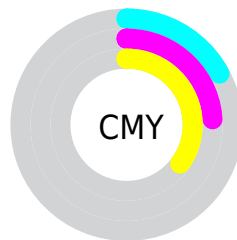
- Red (83%)
- Green (76%)
- Blue (65%)



- Red (78%)
- Yellow (83%)
- Blue (65%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (17%)





- Cyan (17%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1964, 54.9270, 44.3574 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 53.1964, 54.9270, 44.3574 by changing the saturation by 10% instead.


 53.1964, 54.9270,
44.3574


 53.1964, 54.9270,
44.3574


389.2867,
405.6352, 380.2487

 38.1877, 39.3433,
30.6123


 94.0571, 97.4340,
83.0635

 26.3063, 27.0269,
20.0478


 120.6399,
125.1261, 108.8616

 17.1868, 17.5934,
12.2454


151.8113,
157.6230, 139.5144

 10.4639, 10.6585,
6.7865

187.9368,
195.3093, 175.4405

 5.7722, 5.8377,
3.2525

229.3818,
238.5692, 217.0585

 2.7464, 2.7466,
1.2250

276.5115,

 1.0211, 1.0009,

287.7873, 264.7868

0.0000

329.6914,
343.3478, 319.0440

■ 0.0000, 0.0000,
0.0000

■ 53.1964, 54.9270,
44.3574

■ 53.1964, 54.9270,
44.3574

■ 49.4766, 50.3706,
34.2280

■ 57.3602, 59.8563,
56.2212

■ 46.1786, 46.1693,
25.7465

■ 61.9802, 65.1611,
69.8933

■ 43.2849, 42.3144,
18.8240

■ 67.0736, 70.8532,
85.4475

■ 40.7745, 38.7941,
13.3618

■ 72.6553, 76.9418,
102.9527

■ 38.6246, 35.5955,
9.2499

■ 75.7035, 82.2212,
106.4880

■ 36.8088, 32.7043,
6.3623

■ 78.3706, 87.5552,
107.3770

■ 35.2965, 30.1044,
4.5488

■ 80.9615, 92.7371,
108.2407

■ 34.1738, 28.0417,
3.6114

Harmonies

Analogous

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



56.1222, 54.9270, 47.4481



53.1964, 54.9270, 44.3574



50.1171, 54.9270, 45.0743

Triad

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



53.1964, 54.9270, 44.3574



46.7711, 54.9270, 66.0789



56.9980, 54.9270, 71.4326

Complementary

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



53.1964, 54.9270, 44.3574



45.3786, 48.0856, 69.1775

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.



54.3531, 54.9270, 77.4419



53.1964, 54.9270, 44.3574



48.4772, 54.9270, 74.1428

Square

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



53.1964, 54.9270, 44.3574



46.4893, 54.9270, 57.0328



51.2289, 54.9270, 78.4805



58.3742, 54.9270, 62.6680

Rectangle

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



53.1964, 54.9270, 44.3574



48.3860, 54.9270, 47.6459



51.2289, 54.9270, 78.4805



56.2229, 54.9270, 73.8772

Sweetspot

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



53.1979, 54.9295, 44.3586



90.6578, 95.0017, 95.7636



49.8868, 45.2016, 52.8296



19.3055, 20.2206, 20.2047



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.



53.1979, 54.9295, 44.3586



78.4395, 80.5687, 60.8517



56.8135, 63.4327, 45.8093



13.0132, 13.6007, 13.1000



21.1982, 17.5137, 2.2632



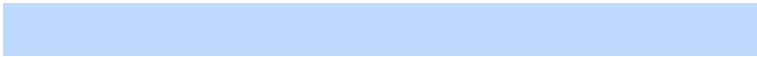
1.3597, 1.2186, 0.1636

Inverse Universe

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



45.3786, 48.0856, 69.1775



64.7118, 68.5549, 104.4295



42.2806, 40.9377, 67.9611



12.1692, 12.8617, 15.7787



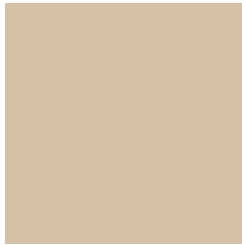
9.6615, 7.5848, 39.4080



0.6637, 0.6194, 2.4039

Previews

White Background



This preview shows how the XYZ color 53.1964, 54.9270, 44.3574 looks on a white background.

Color Contrast Check

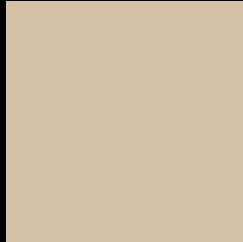
Large Text (above 18pt) WCAG AA × Fail

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 53.1964, 54.9270, 44.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

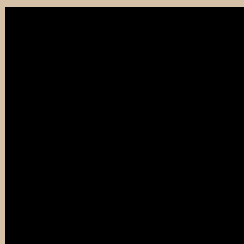
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

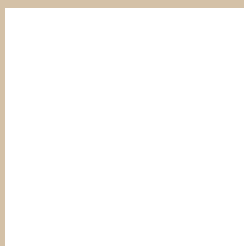
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1964, 54.9270, 44.3574

Background



This preview shows how black text looks on a background with the XYZ color 53.1964, 54.9270, 44.3574.



This preview shows how white text looks on a background with the XYZ color 53.1964, 54.9270,

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

53.1964, 54.9270, 44.3574

Protanopia

51.7598, 54.8365, 44.9023

Deuteranopia

55.7916, 54.6409, 44.6520



Tritanopia

57.0816, 54.8772, 64.0837

Trichromacy



Original Color

53.1964, 54.9270, 44.3574

Protanomaly

52.3721, 54.8206, 44.8669

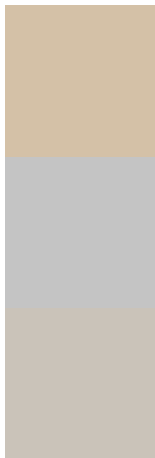
Deuteranomaly

54.9965, 54.8697, 44.7381

Tritanomaly

55.7321, 54.9917, 56.3923

Monochromacy



Original Color

53.1964, 54.9270, 44.3574

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6292, 55.0896, 53.7584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1964, 54.9270, 44.3574 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(212, 193, 167)` looks like.

```
.text, #text, p{  
    color:rgb(212, 193, 167)  
}
```

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(212, 193, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 193, 167) }
```

Border

The CSS property to change the border of an element to XYZ 53.1964, 54.9270, 44.3574 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(212, 193, 167) }
```


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

```
.border{ border-color:rgb(212, 193, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 193, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 193, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 193, 167);  
box-shadow:4px 4px 4px 4px rgb(212, 193,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1964, 54.9270, 44.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 193, 167) }
```

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

```
.background{ background-color: rgb(212,  
193, 167) }
```

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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