

Converting Colors

XYZ(52.1788, 53.7804, 40.1232)

Have a look what the booklet for
XYZ(52.1788, 53.7804, 40.1232)
contains.

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Color

**XYZ(52.2429, 53.8764,
39.9934)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BF9E
RGB	213, 191, 158
RGB Percent	84%, 75%, 62%
CMY	0.1647, 0.2510, 0.3804
CMYK	0.00, 0.10, 0.26, 0.16
HSL	36°, 40%, 73%
HSV	36°, 26%, 84%
XYZ	52.2429, 53.8764, 39.9934
YIQ	193.8160, 23.7050, -5.5990

Conversions

Conversions Part 2

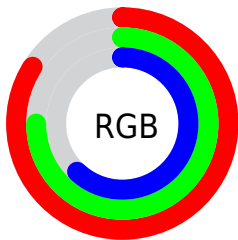
Format	Color
R_{YB}	195, 213, 158
Decimal	14008222
CIE _{Lab}	78.39, 2.72, 19.51
CIE _{LCh}	78, 19.698, 82.055
Yxy	53.8764, 0.3576, 0.3687
Android (android.graphics.Color)	4292198302 (0xFFD5BF9E)
YUV	193.8160, -17.6573, 16.8244
Hunter-Lab	73.4005, -1.4034, 19.0753

Details

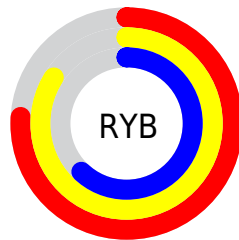
The XYZ color **52.2429, 53.8764, 39.9934** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.4316, 44.7143, 69.3452**, and the grayscale version is **51.2618, 53.9314, 58.7313**.

A 20% lighter version of the original color is **86.5110, 92.5856, 76.2620**, and **25.7905, 26.4867, 17.3888** is the 20% darker color. If you saturate the color by 10%, you get **48.7625, 49.5996, 30.5584**, and if you desaturate by 10%, it is **56.1520, 58.5013, 51.1402**.

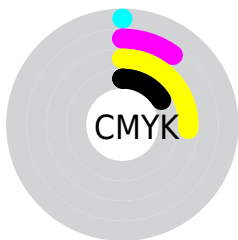
Distribution



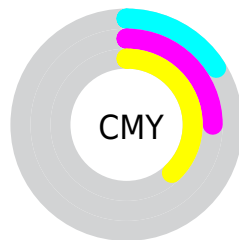
- Red (84%)
- Green (75%)
- Blue (62%)



- Red (76%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (26%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2429, 53.8764, 39.9934 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 52.2429, 53.8764, 39.9934 by changing the saturation by 10% instead.


 52.2429, 53.8764,
39.9934


 52.2429, 53.8764,
39.9934


385.6822,
401.6385, 361.6470

 37.4238, 38.5029,
27.2197


 92.6615, 95.8927,
76.3904

 25.7109, 26.3732,
17.5044

 118.9916,
123.3043, 100.8508

 16.7391, 17.1030,
10.4290


149.8895,
155.4974, 130.0438

 10.1428, 10.3080,
5.5750

185.7205,
192.8563, 164.3880

 5.5567, 5.6036,
2.5238

226.8499,
235.7655, 204.3018

 2.6155, 2.6056,
0.8528

273.6430,

 0.9539, 0.9295,

284.6093, 250.2039

0.0000

326.4654,
339.7722, 302.5128

■ 0.0000, 0.0000,
0.0000

■ 52.2429, 53.8764,
39.9934

■ 52.2429, 53.8764,
39.9934

■ 48.7625, 49.5996,
30.5584

■ 56.1520, 58.5013,
51.1402

■ 45.6884, 45.6535,
22.7450

■ 60.5025, 63.4766,
64.0763

■ 43.0022, 42.0294,
16.4596

■ 65.3118, 68.8139,
78.8782

■ 40.6823, 38.7158,
11.5976

■ 70.5951, 74.5221,
95.6171

■ 38.7044, 35.6998,
8.0411

■ 74.7986, 79.9821,
106.1035

■ 37.0405, 32.9669,
5.6528

■ 77.2768, 84.9385,
106.9296

■ 35.6566, 30.5002,
4.2634

■ 79.8731, 90.1311,
107.7950

■ 35.1362, 29.5373,
3.8494

■ 81.2506, 92.8862,
108.2542

Harmonies

Analogous

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



55.9190, 53.8764, 43.4165



52.2429, 53.8764, 39.9934



48.4655, 53.8764, 41.0516

Triad

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



52.2429, 53.8764, 39.9934



44.6191, 53.8764, 67.0297



57.3001, 53.8764, 72.7596

Complementary

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



52.2429, 53.8764, 39.9934



42.4316, 44.7143, 69.3452

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.



54.0518, 53.8764, 80.7024



52.2429, 53.8764, 39.9934



46.7691, 53.8764, 77.1148

Square

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



52.2429, 53.8764, 39.9934



44.1891, 53.8764, 55.7668



50.1867, 53.8764, 82.3891



58.9332, 53.8764, 61.6562

Rectangle

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



52.2429, 53.8764, 39.9934



46.3856, 53.8764, 44.2248



50.1867, 53.8764, 82.3891



56.3534, 53.8764, 75.9426

Sweetspot

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



52.2443, 53.8788, 39.9945



89.3901, 93.6599, 91.6614



47.9061, 41.8957, 48.7423



18.9161, 19.8004, 18.9692



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.



52.2443, 53.8788, 39.9945



75.5627, 77.3750, 52.0006



55.8381, 63.3948, 41.6419



13.0368, 13.6479, 13.1079



21.5651, 18.2474, 2.3855



1.3807, 1.2606, 0.1705

Inverse Universe

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



42.4316, 44.7143, 69.3452



58.3927, 61.3432, 103.3705



39.4445, 37.0979, 68.0325



12.1461, 12.8156, 15.7710



9.4232, 7.1082, 39.3285



0.6482, 0.5884, 2.3987

Previews

White Background



This preview shows how the XYZ color 52.2429, 53.8764, 39.9934 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 52.2429, 53.8764, 39.9934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

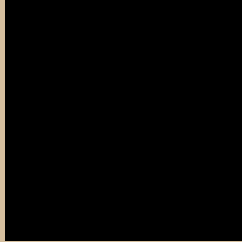
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2429, 53.8764, 39.9934

Background



This preview shows how black text looks on a background with the XYZ color 52.2429, 53.8764, 39.9934.



This preview shows how white text looks on a background with the XYZ color 52.2429, 53.8764,

39.9934.

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

52.2429, 53.8764, 39.9934

Protanopia

50.7266, 54.0659, 40.5631

Deuteranopia

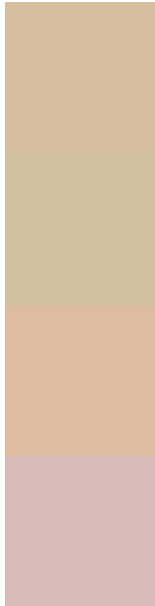
54.8683, 53.6286, 40.2604



Tritanopia

56.6877, 53.7735, 62.0351

Trichromacy



Original Color

52.2429, 53.8764, 39.9934

Protanomaly

51.3404, 54.0530, 40.5282

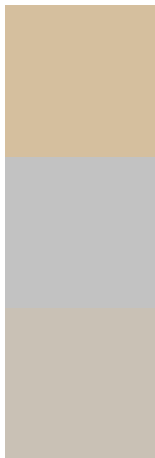
Deuteranomaly

54.0600, 53.8418, 40.3441

Tritanomaly

54.8462, 53.6424, 53.3622

Monochromacy



Original Color

52.2429, 53.8764, 39.9934

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.4978, 53.8936, 51.4043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2429, 53.8764, 39.9934 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(213, 191, 158)` looks like.

```
.text, #text, p{  
    color:rgb(213, 191, 158)  
}
```

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(213, 191, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 191, 158) }
```

Border

The CSS property to change the border of an element to XYZ 52.2429, 53.8764, 39.9934 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(213, 191, 158) }
```


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

```
.border{ border-color:rgb(213, 191, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 191, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 191, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 191, 158);  
box-shadow:4px 4px 4px 4px rgb(213, 191,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2429, 53.8764, 39.9934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 191, 158) }
```

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

```
.background{ background-color: rgb(213,  
191, 158) }
```

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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