

Converting Colors

XYZ(52.2590, 54.1995, 40.5081)

Have a look what the booklet for
XYZ(52.2590, 54.1995, 40.5081)
contains.

XYZ(52.2590, 54.1995, 40.5081)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.2590, 54.1995,
40.5081)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C09F
RGB	212, 192, 159
RGB Percent	83%, 75%, 62%
CMY	0.1686, 0.2470, 0.3765
CMYK	0.00, 0.09, 0.25, 0.17
HSL	37°, 38%, 73%
HSV	37°, 25%, 83%
XYZ	52.2590, 54.1995, 40.5081
YIQ	194.2180, 22.5130, -6.0230

Conversions

Conversions Part 2

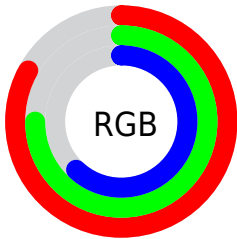
Format	Color
R_{YB}	191, 212, 159
Decimal	13942943
CIE _{Lab}	78.58, 1.95, 19.22
CIE _{LCh}	79, 19.321, 84.198
Yxy	54.1995, 0.3556, 0.3688
Android (android.graphics.Color)	4292133023 (0xFFD4C09F)
YUV	194.2180, -17.3625, 15.5948
Hunter-Lab	73.6203, -2.1282, 18.9111

Details

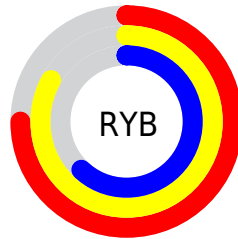
The XYZ color **52.2590, 54.1995, 40.5081** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.3015, 44.3634, 68.6210**, and the grayscale version is **51.4987, 54.1806, 59.0027**.

A 20% lighter version of the original color is **86.9450, 93.2498, 77.0349**, and **25.7911, 26.6949, 17.7032** is the 20% darker color. If you saturate the color by 10%, you get **48.8665, 50.1103, 31.0662**, and if you desaturate by 10%, it is **56.0653, 58.6108, 51.6459**.

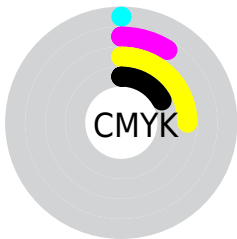
Distribution



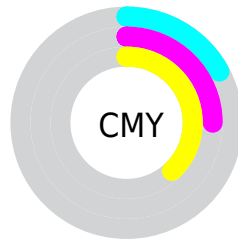
- Red (83%)
- Green (75%)
- Blue (62%)



- Red (75%)
- Yellow (83%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (17%)



- Cyan (17%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2590, 54.1995, 40.5081 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 52.2590, 54.1995, 40.5081 by changing the saturation by 10% instead.

■ 52.2590, 54.1995,
40.5081

■ 52.2590, 54.1995,
40.5081

385.7432,
402.8703, 363.8761

■ 37.4367, 38.7612,
27.6181

■ 92.6851, 96.3671,
77.1821

■ 25.7210, 26.5740,
17.8015

■ 119.0195,
123.8652, 101.8033

■ 16.7466, 17.2535,
10.6396

149.9220,
156.1520, 131.1719

■ 10.1482, 10.4154,
5.7139

185.7580,
193.6118, 165.7066

■ 5.5603, 5.6753,
2.6060

226.8927,
236.6292, 205.8258

■ 2.6177, 2.6486,
0.8955

273.6916,

■ 0.9550, 0.9512,

285.5885, 251.9481

0.0000

326.5200,
340.8741, 304.4920

■ 0.0000, 0.0000,
0.0000

■ 52.2590, 54.1995,
40.5081

■ 52.2590, 54.1995,
40.5081

■ 48.8665, 50.1103,
31.0662

■ 56.0653, 58.6108,
51.6459

■ 45.8660, 46.3262,
23.2315

■ 60.2977, 63.3457,
64.5553

■ 43.2399, 42.8398,
16.9123

■ 64.9730, 68.4151,
79.3118

■ 40.9673, 39.6401,
12.0063

■ 70.1057, 73.8270,
95.9853

■ 39.0246, 36.7152,
8.3983

■ 74.0571, 78.9283,
105.9392

■ 37.3852, 34.0517,
5.9546

■ 76.3600, 83.5341,
106.7068

■ 36.0163, 31.6337,
4.5123

■ 78.7667, 88.3475,
107.5091

■ 35.4052, 30.5045,
4.0219

■ 80.9615, 92.7371,
108.2407

Harmonies

Analogous

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



55.9196, 54.1995, 43.5835



52.2590, 54.1995, 40.5081



48.5707, 54.1995, 41.8738

Triad

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



52.2590, 54.1995, 40.5081



45.1187, 54.1995, 68.0365



57.6867, 54.1995, 72.1554

Complementary

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



52.2590, 54.1995, 40.5081



42.3015, 44.3634, 68.6210

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.



54.5759, 54.1995, 80.2900



52.2590, 54.1995, 40.5081



47.3480, 54.1995, 77.7144

Square

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



52.2590, 54.1995, 40.5081



44.5662, 54.1995, 56.9188



50.7781, 54.1995, 82.4400



59.1509, 54.1995, 61.1601

Rectangle

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



52.2590, 54.1995, 40.5081



46.5757, 54.1995, 45.2164



50.7781, 54.1995, 82.4400



56.7917, 54.1995, 75.3667

Sweetspot

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



52.2604, 54.2020, 40.5092



90.1971, 94.6815, 93.7572



47.7188, 42.0615, 48.4202



19.2197, 20.1701, 19.8025



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.



52.2604, 54.2020, 40.5092



76.5602, 78.9626, 53.5893



55.2046, 62.6860, 41.9917



13.0609, 13.6960, 13.1159



21.9565, 19.0303, 2.5160



1.4028, 1.3048, 0.1779

Inverse Universe

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



42.3015, 44.3634, 68.6210



58.9255, 61.5452, 103.3815



39.8376, 37.5695, 67.4395



12.1227, 12.7688, 15.7632



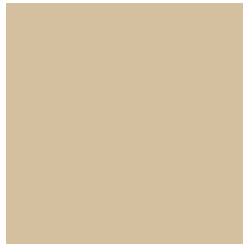
9.1957, 6.6531, 39.2527



0.6331, 0.5582, 2.3937

Previews

White Background



This preview shows how the XYZ color 52.2590, 54.1995, 40.5081 looks on a white background.

Color Contrast Check

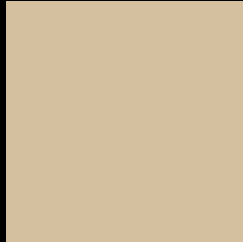
Large Text (above 18pt) WCAG AA × Fail

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 52.2590, 54.1995, 40.5081 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

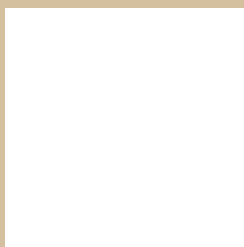
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2590, 54.1995, 40.5081

Background



This preview shows how black text looks on a background with the XYZ color 52.2590, 54.1995, 40.5081.

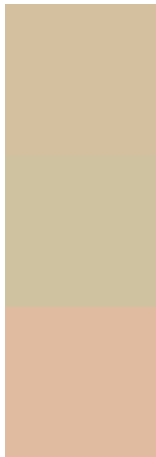


This preview shows how white text looks on a background with the XYZ color 52.2590, 54.1995,

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

52.2590, 54.1995, 40.5081

Protanopia

51.0905, 54.2434, 41.0350

Deuteranopia

55.1668, 54.0863, 40.7898



Tritanopia

56.7168, 54.0866, 62.7088

Trichromacy



Original Color

52.2590, 54.1995, 40.5081

Protanomaly

51.4276, 54.0879, 40.9872

Deuteranomaly

54.0580, 54.1489, 40.8603

Tritanomaly

54.8705, 53.9587, 53.9775

Monochromacy



Original Color

52.2590, 54.1995, 40.5081

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 52.2590, 54.1995, 40.5081 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, 192, 159) looks like.

```
.text, #text, p{  
    color:rgb(212, 192, 159)  
}
```

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, 192, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 192, 159) }
```

Border

The CSS property to change the border of an element to XYZ 52.2590, 54.1995, 40.5081 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, 192, 159) }
```


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

```
.border{ border-color:rgb(212, 192, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 192, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 192, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 192, 159);  
box-shadow:4px 4px 4px 4px rgb(212, 192,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2590, 54.1995, 40.5081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 192, 159) }
```

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

```
.background{ background-color: rgb(212,  
192, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor