

Converting Colors

XYZ(51.2575, 51.7671, 40.0914)

Have a look what the booklet for
XYZ(51.2575, 51.7671, 40.0914)
contains.

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Color

**XYZ(51.2575, 51.7671,
40.0914)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BA9F
RGB	213, 186, 159
RGB Percent	84%, 73%, 62%
CMY	0.1647, 0.2706, 0.3765
CMYK	0.00, 0.13, 0.25, 0.16
HSL	30°, 39%, 73%
HSV	30°, 25%, 84%
XYZ	51.2575, 51.7671, 40.0914
YIQ	190.9950, 24.7590, -2.6730

Conversions

Conversions Part 2

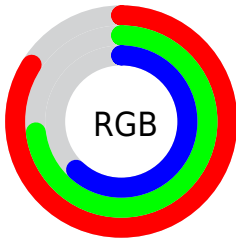
Format	Color
R _{YB}	213, 213, 159
Decimal	14006943
CIE Lab	77.14, 5.51, 17.24
CIE LCh	77, 18.099, 72.271
Yxy	51.7671, 0.3582, 0.3617
Android (android.graphics.Color)	4292197023 (0xFFD5BA9F)
YUV	190.9950, -15.7735, 19.2984
Hunter-Lab	71.9494, 1.2540, 17.3272

Details

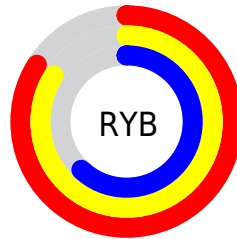
The XYZ color **51.2575, 51.7671, 40.0914** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.8670, 47.2917, 69.7673**, and the grayscale version is **49.5980, 52.1809, 56.8250**.

A 20% lighter version of the original color is **85.1297, 89.6193, 76.4298**, and **25.1419, 25.1057, 17.4307** is the 20% darker color. If you saturate the color by 10%, you get **47.4061, 46.7716, 30.4609**, and if you desaturate by 10%, it is **55.5974, 57.2292, 51.4573**.

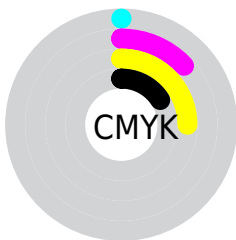
Distribution



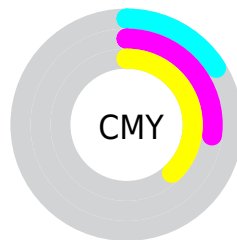
- Red (84%)
- Green (73%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2575, 51.7671, 40.0914 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 51.2575, 51.7671, 40.0914 by changing the saturation by 10% instead.

 51.2575, 51.7671,
40.0914


 51.2575, 51.7671,
40.0914


381.9346,
393.5368, 362.0722

 36.6355, 36.8195,
27.2955


 91.2160, 92.7877,
76.5413

 25.0977, 25.0677,
17.5609


 117.2832,
119.6294, 101.0323

 16.2790, 16.1275,
10.4690

147.8961,
151.2046, 130.2588

 9.8139, 9.6144,
5.6014

183.4202,
187.8977, 164.6394

 5.3371, 5.1441,
2.5394

224.2207,
230.0931, 204.5924

 2.4831, 2.3320,
0.8609

270.6630,

 0.8868, 0.7906,

278.1751, 250.5365

0.0000

323.1125,
332.5283, 302.8903

■ 0.0000, 0.0000,
0.0000

■ 51.2575, 51.7671,
40.0914

■ 51.2575, 51.7671,
40.0914

■ 47.4061, 46.7716,
30.4609

■ 55.5974, 57.2292,
51.4573

■ 44.0191, 42.2217,
22.4752

■ 60.4403, 63.1637,
64.6364

■ 41.0764, 38.1053,
16.0408

■ 65.8053, 69.5857,
79.7057

■ 38.5544, 34.4067,
11.0526

■ 71.7089, 76.5070,
96.7365

■ 36.4270, 31.1090,
7.3930

■ 76.4296, 83.2441,
106.6472

■ 34.6643, 28.1935,
4.9251

■ 79.6439, 89.6725,
107.7186

■ 33.2304, 25.6388,
3.4817

■ 81.2507, 92.8862,
108.2542

■ 32.6481, 24.5611,
3.0200

Harmonies

Analogous

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



54.2935, 51.7671, 44.4935



51.2575, 51.7671, 40.0914



47.8023, 51.7671, 39.7182

Triad

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



51.2575, 51.7671, 40.0914



42.9827, 51.7671, 60.5139



53.8163, 51.7671, 71.6772

Complementary

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



51.2575, 51.7671, 40.0914



43.8670, 47.2917, 69.7673

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.



50.6310, 51.7671, 77.1149



51.2575, 51.7671, 40.0914



44.4412, 51.7671, 70.1813

Square

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



51.2575, 51.7671, 40.0914



43.1328, 51.7671, 50.7588



47.2043, 51.7671, 76.5374



55.8178, 51.7671, 62.3707

Rectangle

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



51.2575, 51.7671, 40.0914



45.7349, 51.7671, 41.7379



47.2043, 51.7671, 76.5374



52.8423, 51.7671, 74.0646

Sweetspot

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



51.2589, 51.7695, 40.0925



88.7701, 92.4199, 91.4547



48.7022, 42.4882, 52.0891



18.7599, 19.4880, 18.9171



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.



51.2589, 51.7695, 40.0925



74.0762, 73.9944, 52.7613



57.4932, 64.2382, 42.1706



12.9312, 13.4366, 13.0727



20.0450, 15.2073, 1.8788



1.2918, 1.0828, 0.1409

Inverse Universe

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



43.8670, 47.2917, 69.7673



61.2720, 66.2382, 104.1636



38.7071, 36.9720, 68.0474



12.2504, 13.0242, 15.8058



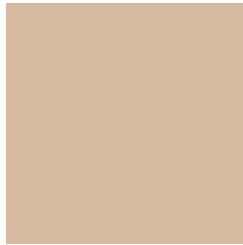
10.6174, 9.4966, 39.7266



0.7232, 0.7383, 2.4237

Previews

White Background



This preview shows how the XYZ color 51.2575, 51.7671, 40.0914 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 51.2575, 51.7671, 40.0914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

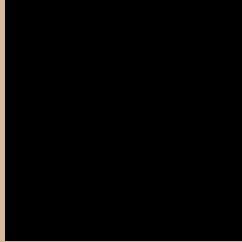
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2575, 51.7671, 40.0914

Background



This preview shows how black text looks on a background with the XYZ color 51.2575, 51.7671, 40.0914.



This preview shows how white text looks on a background with the XYZ color 51.2575, 51.7671,

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

51.2575, 51.7671, 40.0914

Protanopia

48.9339, 51.8176, 41.1409

Deuteranopia

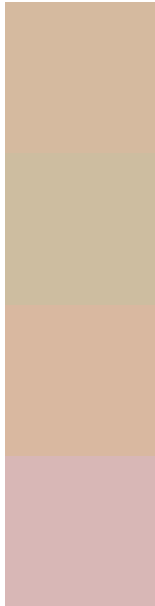
52.7938, 51.6207, 40.4390



Tritanopia

54.9895, 51.7396, 58.7182

Trichromacy



Original Color

51.2575, 51.7671, 40.0914

Protanomaly

49.7196, 51.9124, 40.6573

Deuteranomaly

52.1009, 51.5708, 40.4658

Tritanomaly

53.6959, 51.8433, 51.4326

Monochromacy



Original Color

51.2575, 51.7671, 40.0914

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.8875, 51.7920, 50.0153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2575, 51.7671, 40.0914 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, 186, 159)` looks like.

```
.text, #text, p{  
    color:rgb(213, 186, 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(213, 186, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 186, 159) }
```

Border

The CSS property to change the border of an element to XYZ 51.2575, 51.7671, 40.0914 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, 186, 159) }
```


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

```
.border{ border-color:rgb(213, 186, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 186, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 186, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 186, 159); box-shadow:4px 4px 4px 4px rgb(213, 186, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2575, 51.7671, 40.0914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 186, 159) }
```

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

```
.background{ background-color: rgb(213,  
186, 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](#).

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