

Converting Colors

XYZ(51.4773, 53.2120, 39.5589)

Have a look what the booklet for
XYZ(51.4773, 53.2120, 39.5589)
contains.

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Color

**XYZ(51.3632, 53.1101,
39.4424)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BE9D
RGB	211, 190, 157
RGB Percent	83%, 75%, 62%
CMY	0.1725, 0.2549, 0.3843
CMYK	0.00, 0.10, 0.26, 0.17
HSL	37°, 38%, 72%
HSV	37°, 26%, 83%
XYZ	51.3632, 53.1101, 39.4424
YIQ	192.5170, 23.1090, -5.8110

Conversions

Conversions Part 2

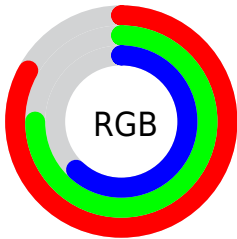
Format	Color
RYB	191, 211, 157
Decimal	13876893
CIELab	77.94, 2.35, 19.39
CIELCh	78, 19.536, 83.094
Yxy	53.1101, 0.3569, 0.3690
Android (android.graphics.Color)	4292066973 (0xFFD3BE9D)
YUV	192.5170, -17.5099, 16.2096
Hunter-Lab	72.8767, -1.7281, 18.9247

Details

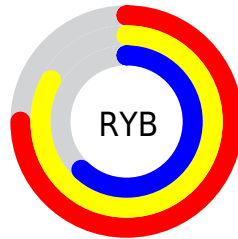
The XYZ color **51.3632, 53.1101, 39.4424** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.5825, 43.7108, 67.8736**, and the grayscale version is **50.4962, 53.1259, 57.8542**.

A 20% lighter version of the original color is **86.0794, 91.9250, 75.4938**, and **25.2575, 25.9998, 17.3229** is the 20% darker color. If you saturate the color by 10%, you get **47.9883, 48.9984, 30.1842**, and if you desaturate by 10%, it is **55.1520, 57.5512, 50.3746**.

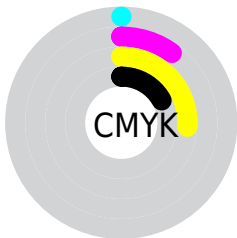
Distribution



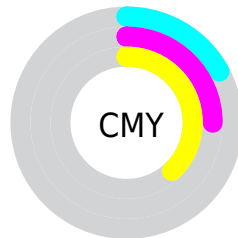
- Red (83%)
- Green (75%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (26%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3632, 53.1101, 39.4424 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 51.3632, 53.1101, 39.4424 by changing the saturation by 10% instead.

■ 51.3632, 53.1101,
39.4424

■ 51.3632, 53.1101,
39.4424

382.3377,
398.7074, 359.2497

■ 36.7200, 37.8907,
26.7936

■ 91.3712, 94.7664,
75.5414

■ 25.1634, 25.8978,
17.1872

■ 117.4667,
121.9720, 99.8288

■ 16.3282, 16.7472,
10.2047

148.1103,
153.9418, 128.8326

■ 9.8490, 10.0544,
5.4275

183.6674,
191.0602, 162.9717

■ 5.3605, 5.4351,
2.4371

224.5033,
233.7115, 202.6643

■ 2.4972, 2.5047,
0.8066

270.9835,

■ 0.8938, 0.8790,

282.2802, 248.3292

0.0000

323.4731,
337.1507, 300.3848

■ 0.0000, 0.0000,
0.0000

■ 51.3632, 53.1101,
39.4424

■ 51.3632, 53.1101,
39.4424

■ 47.9883, 48.9984,
30.1842

■ 55.1520, 57.5512,
50.3746

■ 45.0056, 45.1991,
22.5121

■ 59.3671, 62.3235,
63.0563

■ 42.3974, 41.7043,
16.3347

■ 64.0253, 67.4381,
77.5621

■ 40.1426, 38.5030,
11.5503

■ 69.1410, 72.9033,
93.9616

■ 38.2180, 35.5830,
8.0441

■ 73.4968, 78.2343,
105.8348

■ 36.5964, 32.9304,
5.6827

■ 75.8474, 82.9356,
106.6183

■ 35.2450, 30.5292,
4.3022

■ 78.3070, 87.8549,
107.4382

■ 34.7093, 29.5395,
3.8723

■ 80.6740, 92.5889,
108.2272

Harmonies

Analogous

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



54.9955, 53.1101, 42.6573



51.3632, 53.1101, 39.4424



47.6675, 53.1101, 40.6360

Triad

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



51.3632, 53.1101, 39.4424



44.0524, 53.1101, 66.4302



56.5504, 53.1101, 71.3259

Complementary

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



51.3632, 53.1101, 39.4424



41.5825, 43.7108, 67.8736

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.



53.4001, 53.1101, 79.2912



51.3632, 53.1101, 39.4424



46.2178, 53.1101, 76.2262

Square

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



51.3632, 53.1101, 39.4424



43.5679, 53.1101, 55.3481



49.6061, 53.1101, 81.1884



58.0861, 53.1101, 60.3806

Rectangle

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



51.3632, 53.1101, 39.4424



45.6504, 53.1101, 43.8538



49.6061, 53.1101, 81.1884



55.6378, 53.1101, 74.4938

Sweetspot

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



51.3646, 53.1125, 39.4435



89.4593, 93.7984, 91.6845



47.0177, 41.2019, 47.9112



18.9336, 19.8353, 18.9750



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.



51.3646, 53.1125, 39.4435



75.7985, 77.8465, 52.0792



54.7231, 62.0877, 40.9989



12.4015, 12.9936, 12.4664



21.0491, 18.0313, 2.3710



1.2528, 1.1599, 0.1578

Inverse Universe

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



41.5825, 43.7108, 67.8736



58.1798, 60.9175, 103.2996



38.7971, 36.5411, 66.6365



11.5352, 12.1607, 14.9829



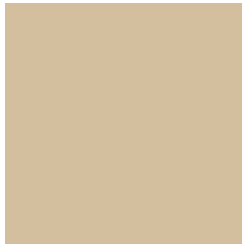
9.0113, 6.6692, 38.0048



0.5800, 0.5252, 2.1504

Previews

White Background



This preview shows how the XYZ color 51.3632, 53.1101, 39.4424 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 51.3632, 53.1101, 39.4424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

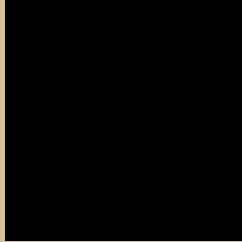
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3632, 53.1101, 39.4424

Background



This preview shows how black text looks on a background with the XYZ color 51.3632, 53.1101, 39.4424.



This preview shows how white text looks on a background with the XYZ color 51.3632, 53.1101,

39.4424.

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

51.3632, 53.1101, 39.4424

Protanopia

49.9230, 53.0053, 39.9476

Deuteranopia

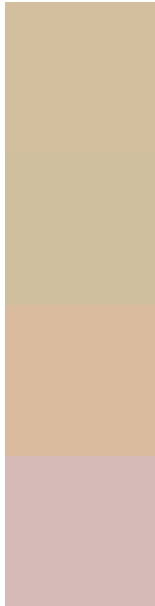
53.9519, 52.8545, 39.7061



Tritanopia

55.7682, 53.0034, 61.3242

Trichromacy



Original Color

51.3632, 53.1101, 39.4424

Protanomaly

50.5345, 52.9956, 39.9135

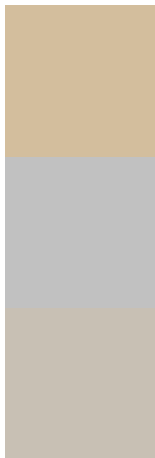
Deuteranomaly

53.1553, 53.0693, 39.7896

Tritanomaly

53.9422, 52.8746, 52.7102

Monochromacy



Original Color

51.3632, 53.1101, 39.4424

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.9073, 53.2739, 50.7798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3632, 53.1101, 39.4424 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(211, 190, 157)` looks like.

```
.text, #text, p{  
    color:rgb(211, 190, 157)  
}
```

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(211, 190, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 190, 157) }
```

Border

The CSS property to change the border of an element to XYZ 51.3632, 53.1101, 39.4424 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(211, 190, 157) }
```


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

```
.border{ border-color:rgb(211, 190, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 190, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 190, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 190, 157);  
box-shadow:4px 4px 4px 4px rgb(211, 190,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3632, 53.1101, 39.4424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 190, 157) }
```

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

```
.background{ background-color: rgb(211,  
190, 157) }
```

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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