

Converting Colors

XYZ(53.3243, 56.0501, 41.7265)

Have a look what the booklet for
XYZ(53.3243, 56.0501, 41.7265)
contains.

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Color

**XYZ(53.3243, 56.0501,
41.7265)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C4A1
RGB	212, 196, 161
RGB Percent	83%, 77%, 63%
CMY	0.1686, 0.2314, 0.3686
CMYK	0.00, 0.08, 0.24, 0.17
HSL	41°, 37%, 73%
HSV	41°, 24%, 83%
XYZ	53.3243, 56.0501, 41.7265
YIQ	196.7940, 20.7710, -7.4930

Conversions

Conversions Part 2

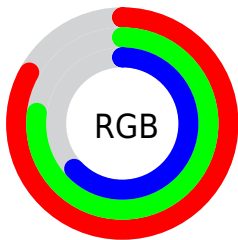
Format	Color
RYB	184, 212, 161
Decimal	13943969
CIELab	79.64, 0.13, 19.63
CIELCh	80, 19.629, 89.621
Yxy	56.0501, 0.3529, 0.3709
Android (android.graphics.Color)	4292134049 (0xFFD4C4A1)
YUV	196.7940, -17.6464, 13.3357
Hunter-Lab	74.8666, -3.8786, 19.3617

Details

The XYZ color **53.3243, 56.0501, 41.7265** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.3035, 43.7737, 68.5071**, and the grayscale version is **53.0421, 55.8045, 60.7711**.

A 20% lighter version of the original color is **88.7599, 96.4684, 78.9079**, and **26.3379, 27.6182, 18.4107** is the 20% darker color. If you saturate the color by 10%, you get **50.1448, 52.4334, 32.2121**, and if you desaturate by 10%, it is **56.8902, 59.9317, 52.9349**.

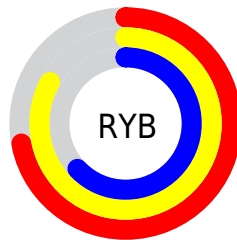
Distribution



Red (83%)

Green (77%)

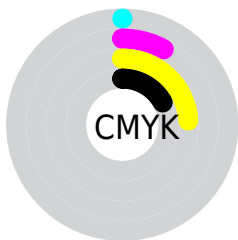
Blue (63%)



Red (72%)

Yellow (83%)

Blue (63%)

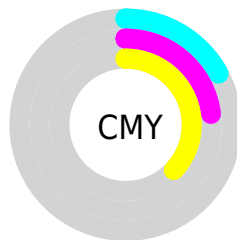


Cyan (0%)

Magenta (8%)

Yellow (24%)

Black (17%)



Cyan (17%)


Magenta (23%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3243, 56.0501, 41.7265 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 53.3243, 56.0501, 41.7265 by changing the saturation by 10% instead.


 53.3243, 56.0501,
41.7265

 53.3243, 56.0501,
41.7265


389.7686,
409.8803, 369.1141

 38.2902, 40.2431,
28.5632


 94.2441, 99.0778,
79.0511

 26.3863, 27.7281,
18.5079


 120.8606,
127.0673, 104.0496

 17.2470, 18.1208,
11.1421

152.0686,
159.8865, 133.8302

 10.5072, 11.0368,
6.0471

188.2334,
197.9196, 168.8114

 5.8013, 6.0916,
2.8045

229.7205,
241.5512, 209.4119

 2.7642, 2.9008,
0.9957

276.8951,

 1.0303, 1.0802,

291.1655, 256.0502

0.0000

330.1227,
347.1471, 309.1447

■ 0.0000, 0.0000,
0.0000

■ 53.3243, 56.0501,
41.7265

■ 53.3243, 56.0501,
41.7265

■ 50.1448, 52.4334,
32.2121

■ 56.8902, 59.9317,
52.9349

■ 47.3305, 49.0658,
24.3036

■ 60.8539, 64.0781,
65.9122

■ 44.8646, 45.9411,
17.9106

■ 65.2315, 68.4991,
80.7333

■ 42.7272, 43.0501,
12.9318

■ 70.0370, 73.2015,
97.4673

■ 40.8957, 40.3822,
9.2537

■ 73.2902, 77.3946,
105.6836

■ 39.3444, 37.9256,
6.7451

■ 75.1681, 81.1503,
106.3095

■ 38.0422, 35.6665,
5.2467

■ 77.1172, 85.0486,
106.9592

■ 37.3549, 34.4040,
4.6718

■ 79.1384, 89.0909,
107.6330

■ 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.



57.2158, 56.0501, 44.0919



53.3243, 56.0501, 41.7265



49.6005, 56.0501, 43.9759

Triad

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



53.3243, 56.0501, 41.7265



46.9286, 56.0501, 72.4473



60.1124, 56.0501, 72.7276

Complementary

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



53.3243, 56.0501, 41.7265



42.3035, 43.7737, 68.5071

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.



57.1244, 56.0501, 82.0033



53.3243, 56.0501, 41.7265



49.5174, 56.0501, 81.8279

Square

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



53.3243, 56.0501, 41.7265



46.0207, 56.0501, 60.8850



53.2236, 56.0501, 85.5200



61.2518, 56.0501, 61.1733

Rectangle

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



53.3243, 56.0501, 41.7265



47.6846, 56.0501, 47.9706



53.2236, 56.0501, 85.5200



59.2838, 56.0501, 76.2651

Sweetspot

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



53.3258, 56.0526, 41.7277



90.5479, 95.3831, 93.8741



47.8475, 42.6678, 47.3879



19.3010, 20.3328, 19.8296



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.



53.3258, 56.0526, 41.7277



78.3878, 82.2027, 55.4782



54.5103, 62.3079, 42.8726



13.1290, 13.8323, 13.1386



23.1542, 21.4256, 2.9152



1.4691, 1.4373, 0.2000

Inverse Universe

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



42.3035, 43.7737, 68.5071



58.7685, 60.3513, 103.1593



41.2825, 38.8291, 67.6065



12.0573, 12.6379, 15.7414



8.6363, 5.5344, 39.0662



0.5942, 0.4803, 2.3807

Previews

White Background



This preview shows how the XYZ color 53.3243, 56.0501, 41.7265 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 53.3243, 56.0501, 41.7265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

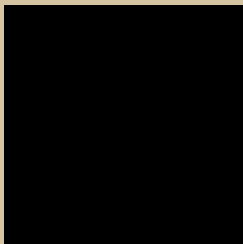
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

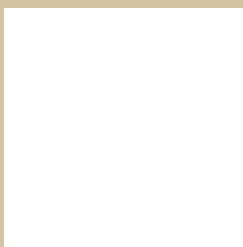
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3243, 56.0501, 41.7265

Background



This preview shows how black text looks on a background with the XYZ color 53.3243, 56.0501, 41.7265.



This preview shows how white text looks on a background with the XYZ color 53.3243, 56.0501,

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

53.3243, 56.0501, 41.7265

Protanopia

52.6938, 56.0610, 41.7618

Deuteranopia

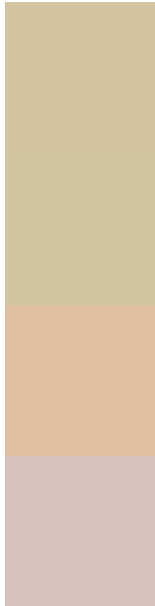
57.2481, 56.0936, 41.9923



Tritanopia

58.0482, 55.9864, 65.5046

Trichromacy



Original Color

53.3243, 56.0501, 41.7265

Protanomaly

52.9776, 56.2074, 41.7751

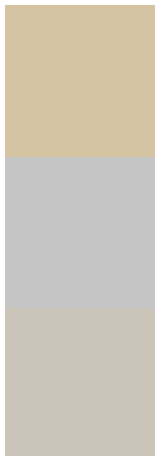
Deuteranomaly

55.8026, 55.9959, 42.0496

Tritanomaly

56.0593, 55.8205, 55.9639

Monochromacy



Original Color

53.3243, 56.0501, 41.7265

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9751, 55.9498, 53.3547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3243, 56.0501, 41.7265 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, 196, 161)` looks like.

```
.text, #text, p{  
    color:rgb(212, 196, 161)  
}
```

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, 196, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 196, 161) }
```

Border

The CSS property to change the border of an element to XYZ 53.3243, 56.0501, 41.7265 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, 196, 161) }
```


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

```
.border{ border-color:rgb(212, 196, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 196, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 196, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 196, 161); box-shadow:4px 4px 4px 4px rgb(212, 196, 161) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3243, 56.0501, 41.7265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 196, 161) }
```

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

```
.background{ background-color: rgb(212,  
196, 161) }
```

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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