

Converting Colors

XYZ(51.6360, 50.6566, 43.1340)

Have a look what the booklet for
XYZ(51.6360, 50.6566, 43.1340)
contains.

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Color

**XYZ(51.6352, 50.6561,
43.1325)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B6A6
RGB	215, 182, 166
RGB Percent	84%, 71%, 65%
CMY	0.1569, 0.2863, 0.3490
CMYK	0.00, 0.15, 0.23, 0.16
HSL	20°, 38%, 75%
HSV	20°, 23%, 84%
XYZ	51.6352, 50.6561, 43.1325
YIQ	190.0430, 24.8040, 2.0200

Conversions

Conversions Part 2

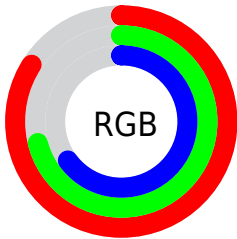
Format	Color
R _Y B	215, 190, 166
Decimal	14136998
CIE Lab	76.47, 9.40, 12.55
CIE LCh	76, 15.678, 53.153
Yxy	50.6561, 0.3551, 0.3483
Android (android.graphics.Color)	4292327078 (0xFFD7B6A6)
YUV	190.0430, -11.8532, 21.8873
Hunter-Lab	71.1731, 4.9466, 13.8901

Details

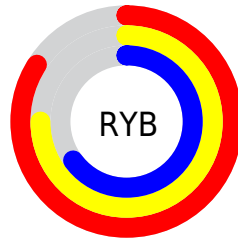
The XYZ color **51.6352, 50.6561, 43.1325** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.4146, 53.8588, 72.1344**, and the grayscale version is **49.0255, 51.5787, 56.1692**.

A 20% lighter version of the original color is **84.8657, 87.6295, 80.8479**, and **25.3847, 24.3890, 19.2892** is the 20% darker color. If you saturate the color by 10%, you get **47.0125, 44.3072, 32.6612**, and if you desaturate by 10%, it is **56.8970, 57.7546, 55.4446**.

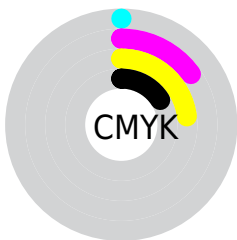
Distribution



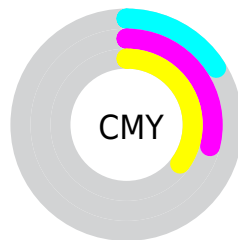
- Red (84%)
- Green (71%)
- Blue (65%)



- Red (84%)
- Yellow (75%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (16%)




- Cyan (16%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6352, 50.6561, 43.1325 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 51.6352, 50.6561, 43.1325 by changing the saturation by 10% instead.


 51.6352, 50.6561,
43.1325


 51.6352, 50.6561,
43.1325


383.3738,
389.2262, 375.0936

 36.9375, 35.9350,
29.6569

 91.7704, 91.1462,
81.1993

 25.3325, 24.3840,
19.3285


 117.9386,
117.6840, 106.6275

 16.4550, 15.6187,
11.7287


148.6611,
148.9295, 136.8771

 9.9396, 9.2548,
6.4389

184.3031,
185.2671, 172.3666

 5.4209, 4.9077,
3.0407

225.2300,
227.0812, 213.5144

 2.5335, 2.1932,
1.1154

271.8072,

 0.9122, 0.7163,

274.7561, 260.7391

0.0000

324.4000,
328.6763, 314.4594

■ 0.0000, 0.0000,
0.0000

■ 51.6352, 50.6561,
43.1325

■ 51.6352, 50.6561,
43.1325

■ 47.0125, 44.3072,
32.6612

■ 56.8970, 57.7546,
55.4446

■ 42.9991, 38.6759,
23.9382

■ 62.8178, 65.6197,
69.6776

■ 39.5688, 33.7381,
16.8677

■ 69.4219, 74.2764,
85.9106

■ 36.6919, 29.4652,
11.3431

■ 76.7309, 83.7465,
104.2173

■ 34.3356, 25.8270,
7.2456

■ 81.6415, 92.8013,
108.2172

■ 32.4631, 22.7901,
4.4383

■ 81.8345, 93.1871,
108.2815

■ 31.0316, 20.3176,
2.7570

■ 30.2286, 18.8553,
2.0462

Harmonies

Analogous

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



53.5623, 50.6561, 49.0022



51.6352, 50.6561, 43.1325



48.8276, 50.6561, 40.5264

Triad

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



51.6352, 50.6561, 43.1325



42.7235, 50.6561, 53.2387



50.4158, 50.6561, 71.5104

Complementary

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



51.6352, 50.6561, 43.1325



48.4146, 53.8588, 72.1344

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.



47.4730, 50.6561, 72.9401



51.6352, 50.6561, 43.1325



43.1098, 50.6561, 61.8043

Square

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



51.6352, 50.6561, 43.1325



43.7421, 50.6561, 45.9623



44.8197, 50.6561, 69.2286



52.8383, 50.6561, 65.5003

Rectangle

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



51.6352, 50.6561, 43.1325



46.8658, 50.6561, 40.7800



44.8197, 50.6561, 69.2286



49.4516, 50.6561, 72.5662

Sweetspot

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



51.6366, 50.6584, 43.1336



88.5926, 91.4725, 93.2223



52.0261, 45.8661, 60.4390



18.8483, 19.4273, 19.6787



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.



51.6366, 50.6584, 43.1336



72.8305, 70.2348, 56.2561



56.9830, 61.3513, 44.9157



12.7512, 13.0766, 13.0127



18.1665, 11.4503, 1.2526



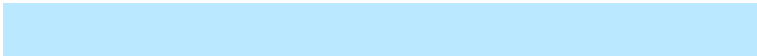
1.1702, 0.8396, 0.1004

Inverse Universe

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



48.4146, 53.8588, 72.1344



67.3373, 75.6801, 105.6664



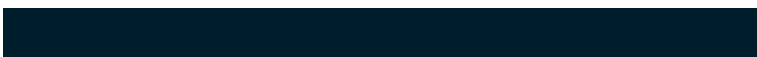
43.3189, 43.6674, 70.4358



12.4345, 13.3923, 15.8671



13.4726, 15.2069, 40.6783



0.8866, 1.0651, 2.4782

Previews

White Background



This preview shows how the XYZ color 51.6352, 50.6561, 43.1325 looks on a white background.

Color Contrast Check

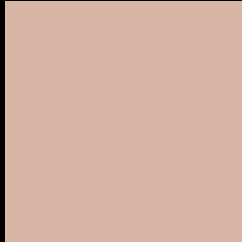
Large Text (above 18pt) WCAG AA × Fail

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 51.6352, 50.6561, 43.1325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

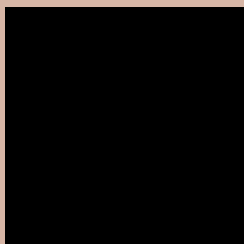
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6352, 50.6561, 43.1325

Background



This preview shows how black text looks on a background with the XYZ color 51.6352, 50.6561, 43.1325.



This preview shows how white text looks on a background with the XYZ color 51.6352, 50.6561,

43.1325.

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

51.6352, 50.6561, 43.1325

Protanopia

48.1706, 50.7013, 44.7836

Deuteranopia

51.6352, 50.6561, 43.1325



Tritanopia

54.3483, 50.5520, 56.7622

Trichromacy



Original Color

51.6352, 50.6561, 43.1325

Protanomaly

49.5286, 50.7823, 44.2373

Deuteranomaly

51.6352, 50.6561, 43.1325

Tritanomaly

53.2826, 50.4108, 51.7217

Monochromacy



Original Color

51.6352, 50.6561, 43.1325

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.6640, 51.0190, 50.9461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6352, 50.6561, 43.1325 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(215, 182, 166)` looks like.

```
.text, #text, p{  
    color:rgb(215, 182, 166)  
}
```

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(215, 182, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 182, 166) }
```

Border

The CSS property to change the border of an element to XYZ 51.6352, 50.6561, 43.1325 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(215, 182, 166) }
```


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

```
.border{ border-color:rgb(215, 182, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 182, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 182, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 182, 166); box-shadow:4px 4px 4px 4px rgb(215, 182, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6352, 50.6561, 43.1325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 182, 166) }
```

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

```
.background{ background-color: rgb(215,  
182, 166) }
```

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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