

Converting Colors

XYZ(44.5546, 41.4224, 33.8557)

Have a look what the booklet for
XYZ(44.5546, 41.4224, 33.8557)
contains.

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Color

**XYZ(44.5601, 41.5341,
33.6853)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A294
RGB	209, 162, 148
RGB Percent	82%, 64%, 58%
CMY	0.1804, 0.3647, 0.4196
CMYK	0.00, 0.22, 0.29, 0.18
HSL	14°, 40%, 70%
HSV	14°, 29%, 82%
XYZ	44.5601, 41.5341, 33.6853
YIQ	174.4570, 32.5060, 5.6100

Conversions

Conversions Part 2

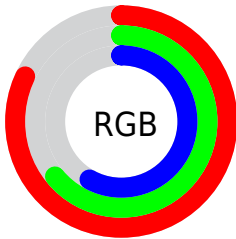
Format	Color
R _Y B	209, 166, 148
Decimal	13738644
CIE Lab	70.55, 15.37, 13.96
CIE LCh	71, 20.760, 42.238
Yxy	41.5341, 0.3720, 0.3468
Android (android.graphics.Color)	4291928724 (0xFFD1A294)
YUV	174.4570, -13.0433, 30.2942
Hunter-Lab	64.4470, 10.6368, 14.1230

Details

The XYZ color **44.5601, 41.5341, 33.6853** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2358, 49.9279, 67.6799**, and the grayscale version is **40.5215, 42.6318, 46.4260**.

A 20% lighter version of the original color is **76.7135, 75.1500, 66.3393**, and **20.8705, 18.7872, 13.8356** is the 20% darker color. If you saturate the color by 10%, you get **40.3959, 35.6183, 24.8592**, and if you desaturate by 10%, it is **49.3884, 48.2996, 44.2073**.

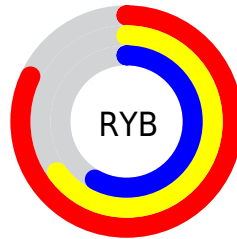
Distribution



Red (82%)

Green (64%)

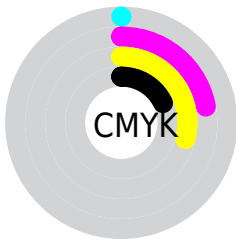
Blue (58%)



Red (82%)

Yellow (65%)

Blue (58%)

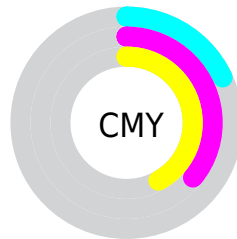


Cyan (0%)

Magenta (22%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (36%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5601, 41.5341, 33.6853 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 44.5601, 41.5341, 33.6853 by changing the saturation by 10% instead.


 44.5601, 41.5341,
33.6853


 44.5601, 41.5341,
33.6853


355.8028,
352.5480, 333.4527

 31.3109, 28.7367,
22.3765


 81.3010, 77.4940,
66.5723

 20.9887, 18.8817,
13.9329


 105.5235,
101.4253, 88.9876

 13.2281, 11.5848,
7.9358


134.1343,
129.8366, 115.9421

 7.6639, 6.4616,
3.9667

167.4990,
163.1124, 147.8545

 3.9306, 3.1278,
1.6071

205.9828,
201.6370, 185.1432

 1.6630, 1.1988,
0.2959

249.9511,

 0.4329, 0.0607,

245.7949, 228.2268

0.0000

299.7693,
295.9704, 277.5238

■ 0.0000, 0.0000,
0.0000

■ 44.5601, 41.5341,
33.6853

■ 44.5601, 41.5341,
33.6853

■ 40.3959, 35.6183,
24.8592

■ 49.3884, 48.2996,
44.2073

■ 36.8628, 30.5127,
17.6373

■ 54.9054, 55.9410,
56.5053

■ 33.9297, 26.1831,
11.9228

■ 61.1384, 64.4903,
70.6574

■ 31.5616, 22.5904,
7.6075

■ 68.1121, 73.9763,
86.7363

■ 29.7193, 19.6923,
4.5686

■ 75.8502, 84.4263,
104.8107

■ 28.3582, 17.4417,
2.6617

■ 80.1045, 92.2953,
108.2006

■ 27.4144, 15.7802,
1.6498

■ 27.3507, 15.6678,
1.5826

Harmonies

Analogous

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



46.2743, 41.5341, 41.3395



44.5601, 41.5341, 33.6853



41.5218, 41.5341, 29.5248

Triad

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



44.5601, 41.5341, 33.6853



33.5273, 41.5341, 39.7064



40.8905, 41.5341, 66.2911

Complementary

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



44.5601, 41.5341, 33.6853



43.2358, 49.9279, 67.6799

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.



37.5003, 41.5341, 65.6854



44.5601, 41.5341, 33.6853



33.3801, 41.5341, 49.3436

Square

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



44.5601, 41.5341, 33.6853



35.2103, 41.5341, 32.6393



34.7958, 41.5341, 59.1350



44.0749, 41.5341, 60.6866

Rectangle

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



44.5601, 41.5341, 33.6853



39.2201, 41.5341, 28.8635



34.7958, 41.5341, 59.1350



39.7348, 41.5341, 66.8274

Sweetspot

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



44.5612, 41.5360, 33.6861



86.1892, 87.8422, 88.7938



46.8238, 38.7112, 57.0997



18.1603, 18.4051, 18.3587



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.



44.5612, 41.5360, 33.6861



65.7095, 59.2230, 43.9242



50.4275, 53.2686, 35.6416



12.0258, 12.2423, 12.3412



16.9261, 9.7852, 0.9966



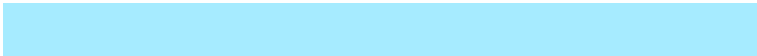
1.0082, 0.6707, 0.0763

Inverse Universe

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



43.2358, 49.9279, 67.6799



63.2918, 74.4365, 105.6396



37.2281, 37.9124, 65.6774



11.9187, 12.9276, 15.1108



15.0336, 18.7138, 40.0123



0.8981, 1.1615, 2.2564

Previews

White Background



This preview shows how the XYZ color 44.5601, 41.5341, 33.6853 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 44.5601, 41.5341, 33.6853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

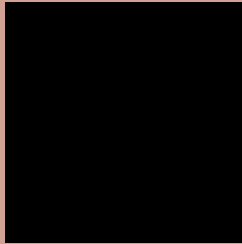
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5601, 41.5341, 33.6853

Background



This preview shows how black text looks on a background with the XYZ color 44.5601, 41.5341, 33.6853.



This preview shows how white text looks on a background with the XYZ color 44.5601, 41.5341,

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

44.5601, 41.5341, 33.6853

Protanopia

39.3247, 41.5083, 36.0763

Deuteranopia

42.4559, 41.5211, 33.3805



Tritanopia

46.6128, 41.5854, 44.0981

Trichromacy



Original Color

44.5601, 41.5341, 33.6853

Protanomaly

41.0744, 41.3160, 35.0881

Deuteranomaly

43.3502, 41.7134, 33.3704

Tritanomaly

45.7600, 41.4876, 40.2464

Monochromacy



Original Color

44.5601, 41.5341, 33.6853

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.6598, 42.0309, 41.5144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5601, 41.5341, 33.6853 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(209, 162, 148)` looks like.

```
.text, #text, p{  
    color:rgb(209, 162, 148)  
}
```

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(209, 162, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 162, 148) }
```

Border

The CSS property to change the border of an element to XYZ 44.5601, 41.5341, 33.6853 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(209, 162, 148) }
```


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

```
.border{ border-color:rgb(209, 162, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 162, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 162, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 162, 148);  
box-shadow:4px 4px 4px 4px rgb(209, 162,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5601, 41.5341, 33.6853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 162, 148) }
```

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

```
.background{ background-color: rgb(209,  
162, 148) }
```

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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