

Converting Colors

XYZ(43.3986, 42.1536, 35.7693)

Have a look what the booklet for
XYZ(43.3986, 42.1536, 35.7693)
contains.

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Color

**XYZ(43.3056, 42.1838,
35.5656)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A798
RGB	200, 167, 152
RGB Percent	78%, 65%, 60%
CMY	0.2157, 0.3451, 0.4039
CMYK	0.00, 0.16, 0.24, 0.22
HSL	19°, 30%, 69%
HSV	19°, 24%, 78%
XYZ	43.3056, 42.1838, 35.5656
YIQ	175.1570, 24.4830, 2.3310

Conversions

Conversions Part 2

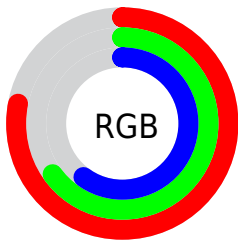
Format	Color
R _Y B	200, 174, 152
Decimal	13150104
CIE Lab	71.00, 9.75, 12.26
CIE LCh	71, 15.666, 51.486
Yxy	42.1838, 0.3577, 0.3485
Android (android.graphics.Color)	4291340184 (0xFFC8A798)
YUV	175.1570, -11.4164, 21.7873
Hunter-Lab	64.9491, 5.3563, 12.9976

Details

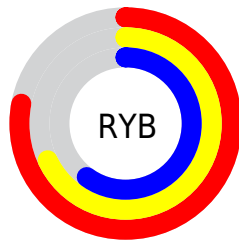
The XYZ color **43.3056, 42.1838, 35.5656** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.7227, 45.5421, 61.2879**, and the grayscale version is **40.8782, 43.0070, 46.8346**.

A 20% lighter version of the original color is **78.5019, 77.9588, 69.3026**, and **20.1568, 19.2208, 14.9595** is the 20% darker color. If you saturate the color by 10%, you get **39.4177, 36.8120, 26.8581**, and if you desaturate by 10%, it is **47.7398, 48.2055, 45.8188**.

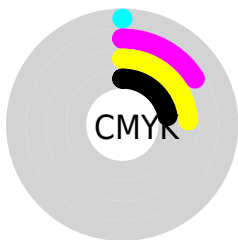
Distribution



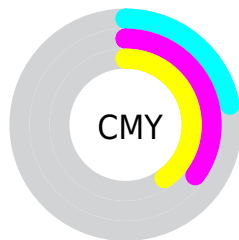
- Red (78%)
- Green (65%)
- Blue (60%)



- Red (78%)
- Yellow (68%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3056, 42.1838, 35.5656 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 43.3056, 42.1838, 35.5656 by changing the saturation by 10% instead.


 43.3056, 42.1838,
35.5656


 43.3056, 42.1838,
35.5656


350.7673,
355.2443, 342.0377

 30.3205, 29.2452,
23.8119


 79.4247, 78.4777,
69.5225

 20.2313, 19.2664,
14.9832


 103.2894,
102.6019, 92.5628

 12.6725, 11.8629,
8.6611


131.5113,
131.2233, 120.2023

 7.2789, 6.6504,
4.4270

164.4559,
164.7265, 152.8596

 3.6850, 3.2445,
1.8624

202.4884,
203.4958, 190.9533

 1.5255, 1.2607,
0.4687

245.9742,

 0.3431, 0.1104,

247.9156, 234.9018

0.0000

295.2787,
298.3703, 285.1238

■ 0.0000, 0.0000,
0.0000

■ 43.3056, 42.1838,
35.5656

■ 43.3056, 42.1838,
35.5656

■ 39.4177, 36.8120,
26.8581

■ 47.7398, 48.2055,
45.8188

■ 36.0506, 32.0621,
19.6181

■ 52.7377, 54.8925,
57.6857

■ 33.1815, 27.9126,
13.7643

■ 58.3202, 62.2667,
71.2331

■ 30.7847, 24.3383,
9.2063

■ 64.5060, 70.3473,
86.5235

■ 28.8317, 21.3121,
5.8430

■ 71.3129, 79.1528,
103.6161

■ 27.2907, 18.8046,
3.5579

■ 75.8983, 87.5571,
107.5077

■ 26.1243, 16.7828,
2.2104

■ 77.6295, 91.0194,
108.0847

■ 25.5704, 15.7812,
1.6984

Harmonies

Analogous

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



44.9543, 42.1838, 40.8588



43.3056, 42.1838, 35.5656



40.8430, 42.1838, 33.1178

Triad

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



43.3056, 42.1838, 35.5656



35.3273, 42.1838, 43.8332



41.9633, 42.1838, 60.6656

Complementary

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



43.3056, 42.1838, 35.5656



40.7227, 45.5421, 61.2879

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.



39.3551, 42.1838, 61.6843



43.3056, 42.1838, 35.5656



35.5981, 42.1838, 51.4064

Square

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



43.3056, 42.1838, 35.5656



36.2897, 42.1838, 37.5398



37.0461, 42.1838, 58.1368



44.1562, 42.1838, 55.4878

Rectangle

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



43.3056, 42.1838, 35.5656



39.1021, 42.1838, 33.2222



37.0461, 42.1838, 58.1368



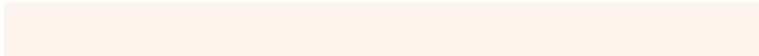
41.1034, 42.1838, 61.5266

Sweetspot

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



43.3067, 42.1857, 35.5665



88.5177, 91.3227, 93.1974



43.8684, 38.2645, 51.3057



18.8310, 19.3927, 19.6729



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.



43.3067, 42.1857, 35.5665



71.2179, 67.8628, 53.0882



47.9874, 51.5470, 37.1267



10.8999, 11.1689, 11.1441



16.3297, 10.1765, 1.1036



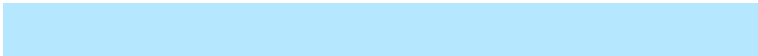
0.8386, 0.6127, 0.0741

Inverse Universe

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



40.7227, 45.5421, 61.2879



65.9418, 74.6979, 105.5504



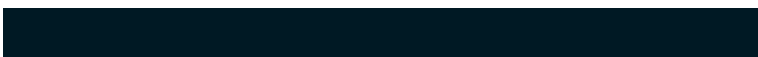
36.2247, 36.5460, 59.7886



10.6563, 11.4866, 13.5730



12.4435, 14.2810, 36.8450



0.6518, 0.8013, 1.7655

Previews

White Background



This preview shows how the XYZ color 43.3056, 42.1838, 35.5656 looks on a white background.

Color Contrast Check

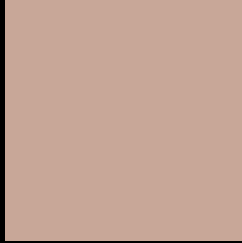
Large Text (above 18pt) WCAG AA × Fail

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 43.3056, 42.1838, 35.5656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

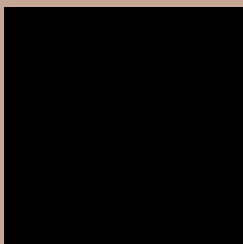
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

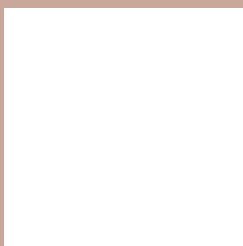
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3056, 42.1838, 35.5656

Background



This preview shows how black text looks on a background with the XYZ color 43.3056, 42.1838, 35.5656.



This preview shows how white text looks on a background with the XYZ color 43.3056, 42.1838,

35.5656.

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

43.3056, 42.1838, 35.5656

Protanopia

39.9160, 42.0775, 37.0283

Deuteranopia

43.2233, 42.4144, 35.6144



Tritanopia

45.5623, 42.0255, 46.7846

Trichromacy



Original Color

43.3056, 42.1838, 35.5656

Protanomaly

41.1347, 42.1503, 36.5396

Deuteranomaly

43.2233, 42.4144, 35.6144

Tritanomaly

44.6076, 41.8975, 42.2952

Monochromacy



Original Color

43.3056, 42.1838, 35.5656

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.4947, 42.4854, 42.5727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3056, 42.1838, 35.5656 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(200, 167, 152)` looks like.

```
.text, #text, p{  
    color:rgb(200, 167, 152)  
}
```

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(200, 167, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 167, 152) }
```

Border

The CSS property to change the border of an element to XYZ 43.3056, 42.1838, 35.5656 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(200, 167, 152) }
```


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

```
.border{ border-color:rgb(200, 167, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 167, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 167, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 167, 152);  
box-shadow:4px 4px 4px 4px rgb(200, 167,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3056, 42.1838, 35.5656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 167, 152) }
```

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

```
.background{ background-color: rgb(200,  
167, 152) }
```

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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