

Converting Colors

XYZ(47.6870, 43.3781, 35.4770)

Have a look what the booklet for
XYZ(47.6870, 43.3781, 35.4770)
contains.

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Color

**XYZ(47.6781, 43.3668,
35.5635)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA398
RGB	218, 163, 152
RGB Percent	85%, 64%, 60%
CMY	0.1451, 0.3608, 0.4039
CMYK	0.00, 0.25, 0.30, 0.15
HSL	10°, 47%, 73%
HSV	10°, 30%, 85%
XYZ	47.6781, 43.3668, 35.5635
YIQ	178.1910, 36.3110, 8.2390

Conversions

Conversions Part 2

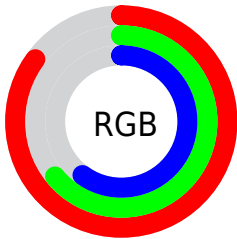
Format	Color
R_{YB}	218, 165, 152
Decimal	14328728
CIE Lab	71.80, 18.82, 13.65
CIE LCh	72, 23.247, 35.955
Yxy	43.3668, 0.3766, 0.3425
Android (android.graphics.Color)	4292518808 (0xFFDAA398)
YUV	178.1910, -12.9122, 34.9125
Hunter-Lab	65.8535, 13.9909, 14.0785

Details

The XYZ color **47.6781, 43.3668, 35.5635** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.9158, 56.3611, 74.6831**, and the grayscale version is **42.4717, 44.6836, 48.6604**.

A 20% lighter version of the original color is **77.4520, 75.8590, 68.9526**, and **22.9337, 19.9898, 14.9616** is the 20% darker color. If you saturate the color by 10%, you get **43.0573, 36.7246, 26.0092**, and if you desaturate by 10%, it is **53.0927, 51.0709, 47.0023**.

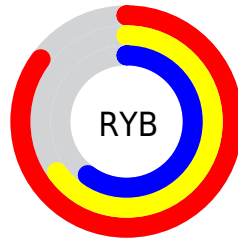
Distribution



Red (85%)

Green (64%)

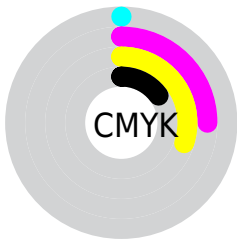
Blue (60%)



Red (85%)

Yellow (65%)

Blue (60%)

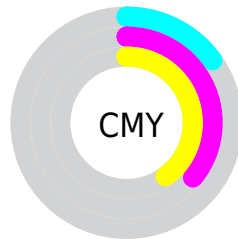


Cyan (0%)

Magenta (25%)

Yellow (30%)

Black (15%)



Cyan (15%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6781, 43.3668, 35.5635 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 47.6781, 43.3668, 35.5635 by changing the saturation by 10% instead.


 47.6781, 43.3668,
35.5635


 47.6781, 43.3668,
35.5635


368.1186,
360.1181, 342.0282

 33.7822, 30.1730,
23.8102


 85.9375, 80.2641,
69.5192

 22.8884, 19.9700,
14.9820


 111.0318,
104.7364, 92.5588

 14.6314, 12.3732,
8.6603


140.5896,
133.7370, 120.1976

 8.6457, 6.9984,
4.4265

174.9762,
167.6502, 152.8541

 4.5661, 3.4611,
1.8621

214.5571,
206.8606, 190.9468

 2.0271, 1.3769,
0.4685

259.6976,

 0.6491, 0.1996,

251.7524, 234.8944

0.0000

310.7630,
302.7101, 285.1154

■ 0.0000, 0.0000,
0.0000

■ 47.6781, 43.3668,
35.5635

■ 47.6781, 43.3668,
35.5635

■ 43.0573, 36.7246,
26.0092

■ 53.0927, 51.0709,
47.0023

■ 39.1891, 31.0917,
18.2354

■ 59.3327, 59.8745,
60.4167

■ 36.0340, 26.4201,
12.1320

■ 66.4324, 69.8206,
75.8950

■ 33.5472, 22.6554,
7.5757

■ 74.4227, 80.9483,
93.5195

■ 31.6785, 19.7378,
4.4258

■ 82.3518, 92.9022,
108.1993

■ 30.3705, 17.6000,
2.5157

■ 82.7235, 93.6454,
108.3231

■ 29.5549, 16.1884,
1.5669

Harmonies

Analogous

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



49.2444, 43.3668, 44.9978



47.6781, 43.3668, 35.5635



44.3918, 43.3668, 30.0090

Triad

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



47.6781, 43.3668, 35.5635



34.6641, 43.3668, 38.8987



42.0120, 43.3668, 72.3278

Complementary

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



47.6781, 43.3668, 35.5635



47.9158, 56.3611, 74.6831

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.



38.2008, 43.3668, 70.0010



47.6781, 43.3668, 35.5635



34.1163, 43.3668, 49.5122

Square

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



47.6781, 43.3668, 35.5635



36.9179, 43.3668, 31.7085



35.3710, 43.3668, 61.1779



45.8415, 43.3668, 67.1074

Rectangle

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



47.6781, 43.3668, 35.5635



41.7569, 43.3668, 28.6741



35.3710, 43.3668, 61.1779



40.6854, 43.3668, 72.4119

Sweetspot

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



47.6792, 43.3688, 35.5644



85.7725, 87.0089, 88.6549



51.4044, 41.8673, 64.4036



18.0584, 18.2013, 18.3248



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.



47.6792, 43.3688, 35.5644



63.8901, 55.9541, 42.1772



54.3211, 56.6526, 37.7783



13.2306, 13.4005, 13.6148



17.7594, 9.8043, 0.9564



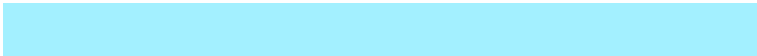
1.2053, 0.7447, 0.0802

Inverse Universe

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



47.9158, 56.3611, 74.6831



64.2653, 77.1677, 106.1155



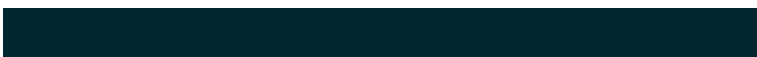
40.7403, 42.0099, 72.2912



13.2505, 14.4407, 16.7411



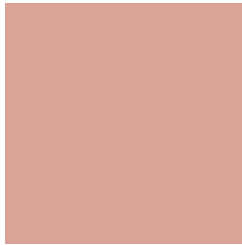
17.6290, 23.1274, 43.2733



1.1922, 1.5985, 2.8202

Previews

White Background



This preview shows how the XYZ color 47.6781, 43.3668, 35.5635 looks on a white background.

Color Contrast Check

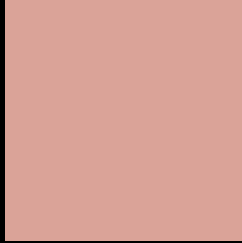
Large Text (above 18pt) WCAG AA × Fail

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 47.6781, 43.3668, 35.5635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

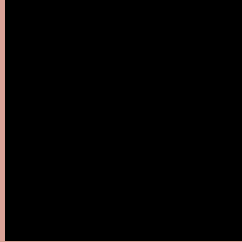
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6781, 43.3668, 35.5635

Background



This preview shows how black text looks on a background with the XYZ color 47.6781, 43.3668, 35.5635.



This preview shows how white text looks on a background with the XYZ color 47.6781, 43.3668,

35.5635.

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

47.6781, 43.3668, 35.5635

Protanopia

41.4641, 43.7096, 38.5992

Deuteranopia

44.3178, 43.5404, 35.3465



Tritanopia

49.5324, 43.3358, 44.7837

Trichromacy



Original Color

47.6781, 43.3668, 35.5635

Protanomaly

43.3286, 43.2619, 37.5192

Deuteranomaly

45.4171, 43.2817, 35.2386

Tritanomaly

48.7498, 43.2664, 41.3792

Monochromacy



Original Color

47.6781, 43.3668, 35.5635

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.0973, 44.0892, 43.7220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6781, 43.3668, 35.5635 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(218, 163, 152)` looks like.

```
.text, #text, p{  
    color:rgb(218, 163, 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(218, 163, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 163, 152) }
```

Border

The CSS property to change the border of an element to XYZ 47.6781, 43.3668, 35.5635 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(218, 163, 152) }
```


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

```
.border{ border-color:rgb(218, 163, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 163, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 163, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 163, 152);  
box-shadow:4px 4px 4px 4px rgb(218, 163,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6781, 43.3668, 35.5635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 163, 152) }
```

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

```
.background{ background-color: rgb(218,  
163, 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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