

Converting Colors

XYZ(41.7846, 35.0304, 23.3125)

Have a look what the booklet for
XYZ(41.7846, 35.0304, 23.3125)
contains.

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Color

**XYZ(41.8667, 35.0917,
23.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	DA8C7B
RGB	218, 140, 123
RGB Percent	85%, 55%, 48%
CMY	0.1451, 0.4510, 0.5176
CMYK	0.00, 0.36, 0.44, 0.15
HSL	11°, 56%, 67%
HSV	11°, 44%, 85%
XYZ	41.8667, 35.0917, 23.3056
YIQ	161.3840, 51.9450, 11.2490

Conversions

Conversions Part 2

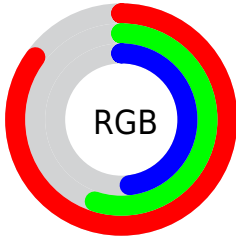
Format	Color
RYB	218, 144, 123
Decimal	14322811
CIELab	65.82, 27.76, 21.43
CIELCh	66, 35.073, 37.668
Yxy	35.0917, 0.4176, 0.3500
Android (android.graphics.Color)	4292512891 (0xFFDA8C7B)
YUV	161.3840, -18.9233, 49.6522
Hunter-Lab	59.2382, 22.4881, 18.1408

Details

The XYZ color **41.8667, 35.0917, 23.3056** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **41.7088, 51.0439, 73.9837**, and the grayscale version is **34.1243, 35.9014, 39.0966**.

A 20% lighter version of the original color is **68.3683, 62.9782, 49.6269**, and **19.3056, 15.1128, 8.3781** is the 20% darker color. If you saturate the color by 10%, you get **38.2451, 29.7946, 16.0988**, and if you desaturate by 10%, it is **46.2194, 41.3645, 32.2558**.

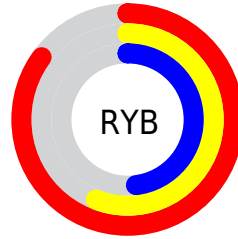
Distribution



Red (85%)

Green (55%)

Blue (48%)



Red (85%)

Yellow (56%)

Blue (48%)

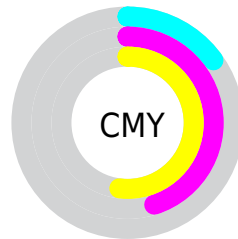


Cyan (0%)

Magenta (36%)

Yellow (44%)

Black (15%)



Cyan (15%)


Magenta (45%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8667, 35.0917, 23.3056 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 41.8667, 35.0917, 23.3056 by changing the saturation by 10% instead.


 41.8667, 35.0917,
23.3056


 41.8667, 35.0917,
23.3056


344.9311,
324.9729, 282.4634

 29.1876, 23.7335,
14.6119

 77.2643, 67.6278,
49.8242

 19.3678, 15.1361,
8.4039

 100.7134, 89.5745,
68.4861

 12.0419, 8.9149,
4.2630


 128.4833,
115.8195, 91.3079

 6.8446, 4.6857,
1.7707

160.9393,
146.7472, 118.7081

 3.4106, 2.0641,
0.4085

198.4467,
182.7420, 151.1052

 1.3744, 0.6443,
0.0000

241.3709,

 0.2379, 0.0000,

224.1883, 188.9177

0.0000

290.0772,
271.4705, 232.5643

■ 0.0000, 0.0000,
0.0000

■ 41.8667, 35.0917,
23.3056

■ 41.8667, 35.0917,
23.3056

■ 38.2451, 29.7946,
16.0988

■ 46.2194, 41.3645,
32.2558

■ 35.3109, 25.4189,
10.5191

■ 51.3381, 48.6536,
43.0514

■ 33.0198, 21.9125,
6.4392

■ 57.2587, 57.0034,
55.7888

■ 31.3211, 19.2162,
3.7115

■ 64.0142, 66.4543,
70.5572

■ 30.1555, 17.2628,
2.1582

■ 71.6354, 77.0445,
87.4401

■ 29.6397, 16.3579,
1.5952

■ 80.1518, 88.8102,
106.5165

■ 82.7234, 93.6454,
108.3231

Harmonies

Analogous

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



44.2194, 35.0917, 34.5309



41.8667, 35.0917, 23.3056



37.2793, 35.0917, 17.4454

Triad

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



41.8667, 35.0917, 23.3056



24.9698, 35.0917, 28.3710



34.6991, 35.0917, 73.9835

Complementary

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



41.8667, 35.0917, 23.3056



41.7088, 51.0439, 73.9837

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.



29.7136, 35.0917, 71.0973



41.8667, 35.0917, 23.3056



24.4317, 35.0917, 42.1392

Square

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



41.8667, 35.0917, 23.3056



27.6348, 35.0917, 19.7987



26.0806, 35.0917, 58.4040



39.8115, 35.0917, 65.4981

Rectangle

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



41.8667, 35.0917, 23.3056



33.7601, 35.0917, 16.2218



26.0806, 35.0917, 58.4040



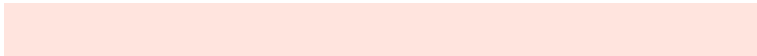
32.9504, 35.0917, 74.3433

Sweetspot

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



41.8676, 35.0934, 23.3063



82.0887, 81.8939, 80.4824



46.6769, 33.3437, 59.9565



17.1435, 16.9289, 16.3016



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.



41.8676, 35.0934, 23.3063



55.0775, 43.2747, 23.9925



50.1179, 51.5940, 26.0564



13.2436, 13.4265, 13.6191



17.8132, 9.9119, 0.9743



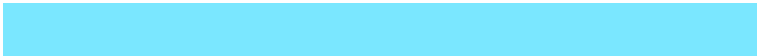
1.2114, 0.7569, 0.0822

Inverse Universe

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



41.7088, 51.0439, 73.9837



54.7827, 68.6867, 104.9782



32.4894, 32.6051, 70.9106



13.2363, 14.4124, 16.7364



17.3084, 22.4862, 43.1664



1.1742, 1.5626, 2.8142

Previews

White Background



This preview shows how the XYZ color 41.8667, 35.0917, 23.3056 looks on a white background.

Color Contrast Check

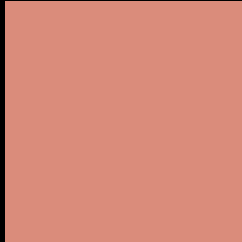
Large Text (above 18pt) WCAG AA × Fail

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 41.8667, 35.0917, 23.3056 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 41.8667, 35.0917, 23.3056

Background



This preview shows how black text looks on a background with the XYZ color 41.8667, 35.0917, 23.3056.



This preview shows how white text looks on a background with the XYZ color 41.8667, 35.0917,

23.3056.

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

41.8667, 35.0917, 23.3056

Protanopia

33.0978, 35.2426, 26.8878

Deuteranopia

35.9320, 35.2861, 22.6864



Tritanopia

43.7273, 35.2135, 32.0960

Trichromacy



Original Color

41.8667, 35.0917, 23.3056

Protanomaly

35.8472, 34.9322, 25.6221

Deuteranomaly

38.0181, 35.1547, 22.8709

Tritanomaly

42.8893, 35.0720, 28.5538

Monochromacy



Original Color

41.8667, 35.0917, 23.3056

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.9491, 34.8341, 32.4327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8667, 35.0917, 23.3056 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, 140, 123)` looks like.

```
.text, #text, p{  
    color:rgb(218, 140, 123)  
}
```

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, 140, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 140, 123) }
```

Border

The CSS property to change the border of an element to XYZ 41.8667, 35.0917, 23.3056 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, 140, 123) }
```


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

```
.border{ border-color:rgb(218, 140, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 140, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 140, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 140, 123);  
box-shadow:4px 4px 4px 4px rgb(218, 140,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8667, 35.0917, 23.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 140, 123) }
```

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

```
.background{ background-color: rgb(218,  
140, 123) }
```

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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