

Converting Colors

XYZ(41.8050, 35.9506, 23.1481)

Have a look what the booklet for
XYZ(41.8050, 35.9506, 23.1481)
contains.

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Color

**XYZ(41.8050, 35.9506,
23.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	D8907A
RGB	216, 144, 122
RGB Percent	85%, 56%, 48%
CMY	0.1529, 0.4353, 0.5216
CMYK	0.00, 0.33, 0.44, 0.15
HSL	14°, 55%, 66%
HSV	14°, 44%, 85%
XYZ	41.8050, 35.9506, 23.1481
YIQ	163.0200, 49.9740, 8.4220

Conversions

Conversions Part 2

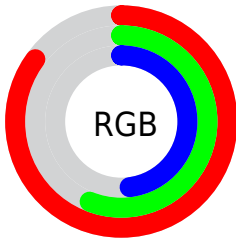
Format	Color
R _Y B	216, 151, 122
Decimal	14192762
CIE Lab	66.48, 24.72, 22.84
CIE LCh	66, 33.660, 42.740
Yxy	35.9506, 0.4143, 0.3563
Android (android.graphics.Color)	4292382842 (0xFFD8907A)
YUV	163.0200, -20.2229, 46.4635
Hunter-Lab	59.9588, 19.5274, 19.0813

Details

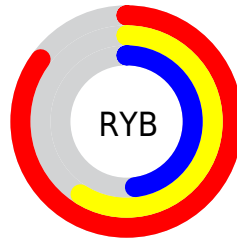
The XYZ color **41.8050, 35.9506, 23.1481** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.7115, 47.6769, 72.0751**, and the grayscale version is **34.8990, 36.7165, 39.9842**.

A 20% lighter version of the original color is **69.1719, 64.7433, 49.4084**, and **19.4150, 15.6807, 8.3067** is the 20% darker color. If you saturate the color by 10%, you get **38.2878, 30.8252, 16.0905**, and if you desaturate by 10%, it is **45.9887, 41.9329, 31.8960**.

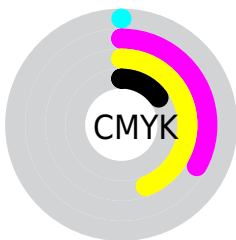
Distribution



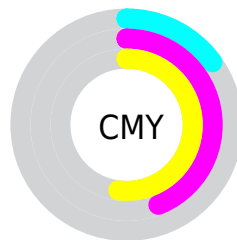
- Red (85%)
- Green (56%)
- Blue (48%)



- Red (85%)
- Yellow (59%)
- Blue (48%)



- Cyan (0%)
- Magenta (33%)
- Yellow (44%)
- Black (15%)





- Cyan (15%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8050, 35.9506, 23.1481 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 41.8050, 35.9506, 23.1481 by changing the saturation by 10% instead.


 41.8050, 35.9506,
23.1481


 41.8050, 35.9506,
23.1481


344.6793,
328.7446, 281.6313


 29.1391, 24.3960,
14.4966


 77.1714, 68.9558,
49.5627

 19.3309, 15.6277,
8.3242


 100.6026, 91.1753,
68.1628

 12.0150, 9.2611,
4.2123


 128.3530,
117.7185, 90.9162

 6.8262, 4.9119,
1.7425

160.7879,
148.9698, 118.2414

 3.3990, 2.1956,
0.3896

198.2726,
185.3137, 150.5570

 1.3681, 0.7176,
0.0000

241.1725,

 0.2333, 0.0000,

227.1345, 188.2815

0.0000

289.8530,
274.8167, 231.8334

■ 0.0000, 0.0000,
0.0000

■ 41.8050, 35.9506,
23.1481

■ 41.8050, 35.9506,
23.1481

■ 38.2878, 30.8252,
16.0905

■ 45.9887, 41.9329,
31.8960

■ 35.3985, 26.5117,
10.6108

■ 50.8692, 48.8038,
42.4323

■ 33.0986, 22.9687,
6.5862


■ 56.4781, 56.6001,
54.8503


■ 31.3437, 20.1488,
3.8744


■ 62.8444, 65.3548,
69.2360

■ 30.0823, 17.9990,
2.3041

■ 69.9954, 75.0991,
85.6701

 29.4837, 16.9287,
1.7136

 77.9568, 85.8629,
104.2287

 82.1288, 93.3389,
108.2953

Harmonies

Analogous

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



44.5374, 35.9506, 33.3287



41.8050, 35.9506, 23.1481



37.1312, 35.9506, 18.1482

Triad

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



41.8050, 35.9506, 23.1481



25.7144, 35.9506, 31.4628



36.3553, 35.9506, 72.9955

Complementary

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



41.8050, 35.9506, 23.1481



39.7115, 47.6769, 72.0751

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.



31.3705, 35.9506, 72.1395



41.8050, 35.9506, 23.1481



25.5509, 35.9506, 45.5994

Square

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



41.8050, 35.9506, 23.1481



27.9974, 35.9506, 22.0733



27.5262, 35.9506, 61.2006



41.1890, 35.9506, 63.3122

Rectangle

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



41.8050, 35.9506, 23.1481



33.7080, 35.9506, 17.4272



27.5262, 35.9506, 61.2006



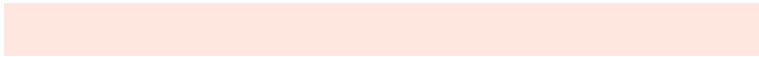
34.6361, 35.9506, 73.9886

Sweetspot

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



41.8059, 35.9524, 23.1488



82.5932, 82.9029, 80.6506



45.0236, 32.4163, 54.9622



17.2666, 17.1751, 16.3426



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.



41.8059, 35.9524, 23.1488



56.2413, 45.6023, 24.3804



50.4481, 53.2367, 26.0295



12.6569, 12.8879, 12.9812



17.5206, 10.1584, 1.0373



1.1211, 0.7415, 0.0840

Inverse Universe

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



39.7115, 47.6769, 72.0751



52.7774, 64.6760, 104.3098



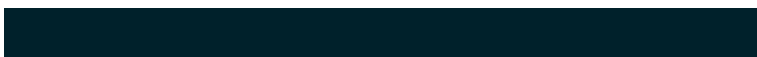
30.8650, 29.9839, 69.1263



12.5343, 13.5920, 15.9004



15.4332, 19.1281, 41.3318



0.9920, 1.2760, 2.5133

Previews

White Background



This preview shows how the XYZ color 41.8050, 35.9506, 23.1481 looks on a white background.

Color Contrast Check

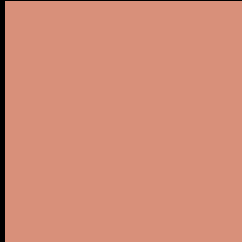
Large Text (above 18pt) WCAG AA × Fail

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 41.8050, 35.9506, 23.1481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

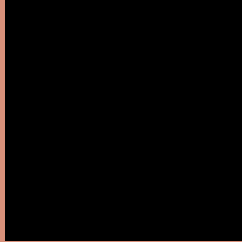
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8050, 35.9506, 23.1481

Background



This preview shows how black text looks on a background with the XYZ color 41.8050, 35.9506, 23.1481.



This preview shows how white text looks on a background with the XYZ color 41.8050, 35.9506,

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

41.8050, 35.9506, 23.1481

Protanopia

33.9629, 36.2230, 26.3208

Deuteranopia

36.5974, 35.8751, 22.7650



Tritanopia

43.7965, 35.8636, 33.4682

Trichromacy



Original Color

41.8050, 35.9506, 23.1481

Protanomaly

36.2911, 35.6664, 25.0502

Deuteranomaly

38.3372, 35.7931, 22.9773

Tritanomaly

42.8738, 35.6949, 29.4411

Monochromacy



Original Color

41.8050, 35.9506, 23.1481

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.5252, 35.8601, 33.0136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8050, 35.9506, 23.1481 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(216, 144, 122)` looks like.

```
.text, #text, p{  
    color:rgb(216, 144, 122)  
}
```

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(216, 144, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 144, 122) }
```

Border

The CSS property to change the border of an element to XYZ 41.8050, 35.9506, 23.1481 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(216, 144, 122) }
```


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

```
.border{ border-color:rgb(216, 144, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 144, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 144, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 144, 122); box-shadow:4px 4px 4px 4px rgb(216, 144, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8050, 35.9506, 23.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 144, 122) }
```

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

```
.background{ background-color: rgb(216,  
144, 122) }
```

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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