

Converting Colors

XYZ(41.5166, 35.6003, 24.3911)

Have a look what the booklet for
XYZ(41.5166, 35.6003, 24.3911)
contains.

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Color

**XYZ(41.6127, 35.5984,
24.4166)**

Conversions

Conversions Part 1

Format	Color
Hex	D78F7E
RGB	215, 143, 126
RGB Percent	84%, 56%, 49%
CMY	0.1569, 0.4392, 0.5059
CMYK	0.00, 0.33, 0.41, 0.16
HSL	11°, 53%, 67%
HSV	11°, 41%, 84%
XYZ	41.6127, 35.5984, 24.4166
YIQ	162.5900, 48.3690, 9.9770

Conversions

Conversions Part 2

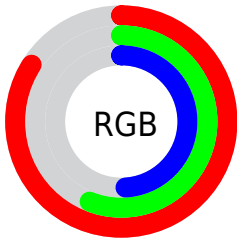
Format	Color
R _Y B	215, 147, 126
Decimal	14126974
CIE Lab	66.21, 25.30, 20.24
CIE LCh	66, 32.399, 38.653
Yxy	35.5984, 0.4095, 0.3503
Android (android.graphics.Color)	4292317054 (0xFFD78F7E)
YUV	162.5900, -18.0389, 45.9636
Hunter-Lab	59.6644, 20.0814, 17.5017

Details

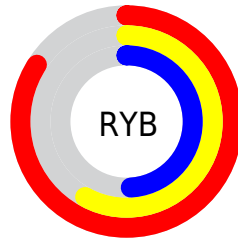
The XYZ color **41.6127, 35.5984, 24.4166** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0630, 49.7279, 71.7241**, and the grayscale version is **34.6867, 36.4931, 39.7410**.

A 20% lighter version of the original color is **69.3429, 64.4472, 51.4326**, and **19.2673, 15.4592, 8.9896** is the 20% darker color. If you saturate the color by 10%, you get **37.9601, 30.2799, 17.0745**, and if you desaturate by 10%, it is **45.9701, 41.8492, 33.4652**.

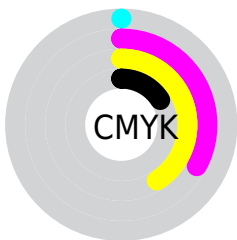
Distribution



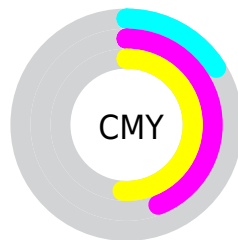
- Red (84%)
- Green (56%)
- Blue (49%)



- Red (84%)
- Yellow (58%)
- Blue (49%)



- Cyan (0%)
- Magenta (33%)
- Yellow (41%)
- Black (16%)




- Cyan (16%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6127, 35.5984, 24.4166 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 41.6127, 35.5984, 24.4166 by changing the saturation by 10% instead.


 41.6127, 35.5984,
24.4166


 41.6127, 35.5984,
24.4166


343.8939,
327.2018, 288.2741

 28.9879, 24.1242,
15.4279


 76.8820, 68.4118,
51.6615

 19.2159, 15.4258,
8.9703


 100.2572, 90.5197,
70.7548

 11.9313, 9.1187,
4.6253

 127.9466,
116.9410, 94.0533

 6.7688, 4.8187,
1.9743

160.3155,
148.0601, 121.9757

 3.3630, 2.1413,
0.5394

197.7294,
184.2613, 154.9404

 1.3485, 0.6877,
0.0000

240.5535,

 0.2191, 0.0000,

225.9290, 193.3660

0.0000

289.1532,
273.4478, 237.6710

■ 0.0000, 0.0000,
0.0000

■ 41.6127, 35.5984,
24.4166

■ 41.6127, 35.5984,
24.4166

■ 37.9601, 30.2799,
17.0745

■ 45.9701, 41.8492,
33.4652

■ 34.9717, 25.8436,
11.3290

■ 51.0645, 49.0689,
44.3165

■ 32.6067, 22.2425,
7.0607

■ 56.9294, 57.2985,
57.0621

■ 30.8187, 19.4231,
4.1323

■ 63.5953, 66.5751,
71.7865

■ 29.5540, 17.3252,
2.3804

■ 71.0913, 76.9337,
88.5694

■ 28.8200, 16.0384,
1.5767

■ 79.4447, 88.4078,
107.4850

■ 81.8343, 93.1870,
108.2815

Harmonies

Analogous

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



43.8646, 35.5984, 34.8977



41.6127, 35.5984, 24.4166



37.3272, 35.5984, 18.9013

Triad

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



41.6127, 35.5984, 24.4166



25.9065, 35.5984, 29.8681



35.2508, 35.5984, 71.4223

Complementary

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



41.6127, 35.5984, 24.4166



41.0630, 49.7279, 71.7241

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.



30.5681, 35.5984, 69.1605



41.6127, 35.5984, 24.4166



25.4645, 35.5984, 42.8985

Square

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



41.6127, 35.5984, 24.4166



28.3632, 35.5984, 21.4885



27.0927, 35.5984, 57.8449



39.9693, 35.5984, 63.4430

Rectangle

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



41.6127, 35.5984, 24.4166



34.0539, 35.5984, 17.7983



27.0927, 35.5984, 57.8449



33.6175, 35.5984, 71.8669

Sweetspot

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



41.6136, 35.6001, 24.4173



83.1144, 83.3946, 82.5219



45.7574, 33.4779, 57.8905



17.5344, 17.4925, 17.1044



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.



41.6136, 35.6001, 24.4173



56.3092, 45.2168, 26.0098



49.5218, 51.4165, 27.0533



12.6134, 12.8010, 12.9667



17.2960, 9.7091, 0.9625



1.1009, 0.7010, 0.0773

Inverse Universe

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



41.0630, 49.7279, 71.7241



55.3520, 68.7204, 104.9547



32.4561, 32.5140, 68.8551



12.5812, 13.6857, 15.9160



16.4545, 21.1707, 41.6723



1.0455, 1.3830, 2.5312

Previews

White Background



This preview shows how the XYZ color 41.6127, 35.5984, 24.4166 looks on a white background.

Color Contrast Check

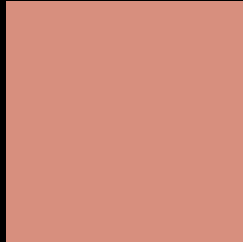
Large Text (above 18pt) WCAG AA × Fail

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 41.6127, 35.5984, 24.4166 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 41.6127, 35.5984, 24.4166

Background



This preview shows how black text looks on a background with the XYZ color 41.6127, 35.5984, 24.4166.



This preview shows how white text looks on a background with the XYZ color 41.6127, 35.5984,

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

41.6127, 35.5984, 24.4166

Protanopia

33.6956, 35.7851, 28.0529

Deuteranopia

36.3457, 35.7167, 24.0472



Tritanopia

43.4984, 35.7099, 33.4542

Trichromacy



Original Color

41.6127, 35.5984, 24.4166

Protanomaly

35.9702, 35.2162, 26.7314

Deuteranomaly

38.0570, 35.6197, 24.2715

Tritanomaly

42.6515, 35.5718, 29.8174

Monochromacy



Original Color

41.6127, 35.5984, 24.4166

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.6849, 35.9240, 33.8547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6127, 35.5984, 24.4166 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(215, 143, 126)` looks like.

```
.text, #text, p{  
    color:rgb(215, 143, 126)  
}
```

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(215, 143, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 143, 126) }
```

Border

The CSS property to change the border of an element to XYZ 41.6127, 35.5984, 24.4166 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(215, 143, 126) }
```


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

```
.border{ border-color:rgb(215, 143, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 143, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 143, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 143, 126);  
box-shadow:4px 4px 4px 4px rgb(215, 143,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6127, 35.5984, 24.4166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 143, 126) }
```

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

```
.background{ background-color: rgb(215,  
143, 126) }
```

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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