

Converting Colors

XYZ(41.8983, 36.5754, 24.5440)

Have a look what the booklet for
XYZ(41.8983, 36.5754, 24.5440)
contains.

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Color

**XYZ(41.9312, 36.6699,
24.6067)**

Conversions

Conversions Part 1

Format	Color
Hex	D6937E
RGB	214, 147, 126
RGB Percent	84%, 58%, 49%
CMY	0.1608, 0.4235, 0.5059
CMYK	0.00, 0.31, 0.41, 0.16
HSL	14°, 52%, 67%
HSV	14°, 41%, 84%
XYZ	41.9312, 36.6699, 24.6067
YIQ	164.6390, 46.6730, 7.6730

Conversions

Conversions Part 2

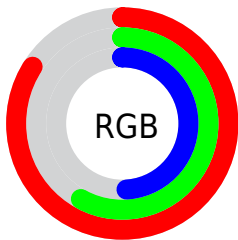
Format	Color
R _Y B	214, 154, 126
Decimal	14062462
CIE Lab	67.03, 22.75, 21.33
CIE LCh	67, 31.184, 43.158
Yxy	36.6699, 0.4063, 0.3553
Android (android.graphics.Color)	4292252542 (0xFFD6937E)
YUV	164.6390, -19.0490, 43.2896
Hunter-Lab	60.5557, 17.6282, 18.2966

Details

The XYZ color **41.9312, 36.6699, 24.6067** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.8111, 47.4289, 70.6748**, and the grayscale version is **35.6647, 37.5221, 40.8615**.

A 20% lighter version of the original color is **70.2633, 66.2880, 51.7394**, and **19.4271, 16.0697, 9.0990** is the 20% darker color. If you saturate the color by 10%, you get **38.3388, 31.4636, 17.3098**, and if you desaturate by 10%, it is **46.1797, 42.7156, 33.5802**.

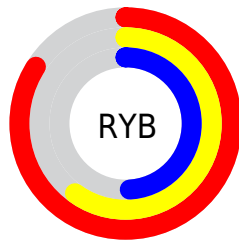
Distribution



Red (84%)

Green (58%)

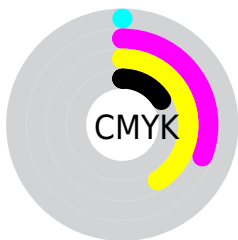
Blue (49%)



Red (84%)

Yellow (60%)

Blue (49%)

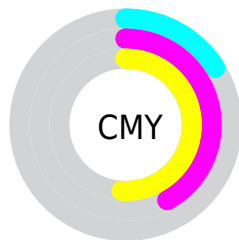


Cyan (0%)

Magenta (31%)

Yellow (41%)

Black (16%)



Cyan (16%)


Magenta (42%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9312, 36.6699, 24.6067 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 41.9312, 36.6699, 24.6067 by changing the saturation by 10% instead.


 41.9312, 36.6699,
24.6067


 41.9312, 36.6699,
24.6067


345.1941,
331.8792, 289.2583


 29.2383, 24.9520,
15.5679


 77.3613, 70.0648,
51.9746

 19.4064, 16.0413,
9.0679


 100.8292, 92.5106,
71.1409

 12.0700, 9.5534,
4.6881


 128.6195,
119.3012, 94.5200

 6.8639, 5.1039,
2.0099

161.0975,
150.8209, 122.5306

 3.4227, 2.3083,
0.5614

198.6287,
187.4541, 155.5912

 1.3810, 0.7781,
0.0000

241.5782,

 0.2427, 0.0000,

229.5853, 194.1203

0.0000

290.3116,
277.5989, 238.5365

0.0000, 0.0000,
0.0000

41.9312, 36.6699,
24.6067

41.9312, 36.6699,
24.6067

38.3388, 31.4636,
17.3098

46.1797, 42.7156,
33.5802

35.3656, 27.0537,
11.5823

51.1129, 49.6304,
44.3241

32.9754, 23.4013,
7.3078


56.7612, 57.4492,
56.9279

31.1265, 20.4621,
4.3525


63.1520, 66.2035,
71.4742

29.7709, 18.1866,
2.5574

70.3116, 75.9230,
88.0407

 28.9189, 16.6707,
1.6936

 78.2647, 86.6363,
106.7008

 81.5416, 93.0362,
108.2678

Harmonies

Analogous

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



44.4994, 36.6699, 34.2773



41.9312, 36.6699, 24.6067



37.5606, 36.6699, 19.7985

Triad

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



41.9312, 36.6699, 24.6067



26.8405, 36.6699, 32.8343



36.9690, 36.6699, 71.1058

Complementary

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



41.9312, 36.6699, 24.6067



39.8111, 47.4289, 70.6748

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.



32.2800, 36.6699, 70.4698



41.9312, 36.6699, 24.6067



26.7134, 36.6699, 46.1664

Square

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



41.9312, 36.6699, 24.6067



28.9857, 36.6699, 23.7576



28.6210, 36.6699, 60.5667



41.4644, 36.6699, 62.1463

Rectangle

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



41.9312, 36.6699, 24.6067



34.3541, 36.6699, 19.1298



28.6210, 36.6699, 60.5667



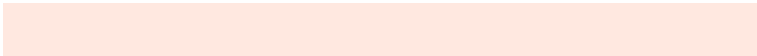
35.3579, 36.6699, 72.0583

Sweetspot

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



41.9321, 36.6717, 24.6074



83.5222, 84.2101, 82.6579



44.8705, 33.0894, 54.7476



17.6297, 17.6831, 17.1361



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.



41.9321, 36.6717, 24.6074



57.8216, 47.9709, 27.3485



50.0269, 52.8611, 27.3057



12.6615, 12.8972, 12.9828



17.5473, 10.2118, 1.0462



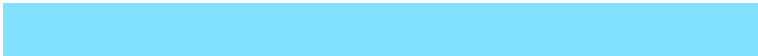
1.1233, 0.7458, 0.0848

Inverse Universe

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



39.8111, 47.4289, 70.6748



54.2365, 65.9155, 104.4721



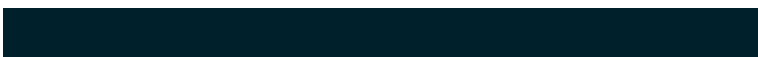
31.5636, 30.9340, 67.9257



12.5293, 13.5821, 15.8988



15.3284, 18.9186, 41.2969



0.9864, 1.2649, 2.5115

Previews

White Background



This preview shows how the XYZ color 41.9312, 36.6699, 24.6067 looks on a white background.

Color Contrast Check

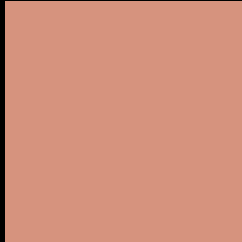
Large Text (above 18pt) WCAG AA × Fail

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 41.9312, 36.6699, 24.6067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

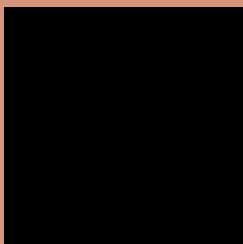
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9312, 36.6699, 24.6067

Background



This preview shows how black text looks on a background with the XYZ color 41.9312, 36.6699, 24.6067.



This preview shows how white text looks on a background with the XYZ color 41.9312, 36.6699,

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

41.9312, 36.6699, 24.6067

Protanopia

34.6338, 36.7999, 27.8319

Deuteranopia

37.4333, 36.7756, 24.1942



Tritanopia

44.2705, 36.7297, 35.3281

Trichromacy



Original Color

41.9312, 36.6699, 24.6067

Protanomaly

36.8927, 36.4440, 26.5627

Deuteranomaly

38.9123, 36.5425, 24.4045

Tritanomaly

43.3262, 36.5591, 31.1586

Monochromacy



Original Color

41.9312, 36.6699, 24.6067

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.3412, 36.7554, 34.4046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9312, 36.6699, 24.6067 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(214, 147, 126)` looks like.

```
.text, #text, p{  
    color:rgb(214, 147, 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(214, 147, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 147, 126) }
```

Border

The CSS property to change the border of an element to XYZ 41.9312, 36.6699, 24.6067 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(214, 147, 126) }
```


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

```
.border{ border-color:rgb(214, 147, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 147, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 147, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 147, 126);  
box-shadow:4px 4px 4px 4px rgb(214, 147,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9312, 36.6699, 24.6067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 147, 126) }
```

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

```
.background{ background-color: rgb(214,  
147, 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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