

Converting Colors

XYZ(41.5719, 36.3003, 42.9736)

Have a look what the booklet for
XYZ(41.5719, 36.3003, 42.9736)
contains.

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Color

**XYZ(41.6650, 36.3614,
42.8527)**

Conversions

Conversions Part 1

Format	Color
Hex	C894AA
RGB	200, 148, 170
RGB Percent	78%, 58%, 67%
CMY	0.2157, 0.4196, 0.3333
CMYK	0.00, 0.26, 0.15, 0.22
HSL	335°, 32%, 68%
HSV	335°, 26%, 78%
XYZ	41.6650, 36.3614, 42.8527
YIQ	166.0560, 23.9300, 17.8660

Conversions

Conversions Part 2

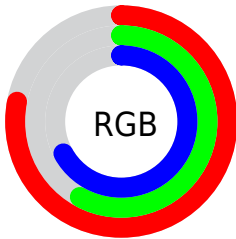
Format	Color
R _Y B	200, 148, 170
Decimal	13145258
CIE Lab	66.80, 22.95, -3.82
CIE LCh	67, 23.262, 350.557
Yxy	36.3614, 0.3447, 0.3008
Android (android.graphics.Color)	4291335338 (0xFFC894AA)
YUV	166.0560, 1.9444, 29.7689
Hunter-Lab	60.3004, 17.8101, 0.0756

Details

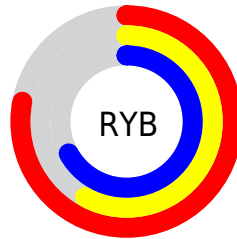
The XYZ color **41.6650, 36.3614, 42.8527** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.9043, 50.8197, 49.7751**, and the grayscale version is **36.2562, 38.1443, 41.5392**.

A 20% lighter version of the original color is **75.9511, 68.9373, 80.5373**, and **19.2218, 15.8771, 19.1910** is the 20% darker color. If you saturate the color by 10%, you get **37.7508, 30.2036, 36.3967**, and if you desaturate by 10%, it is **46.2192, 43.6449, 49.9956**.

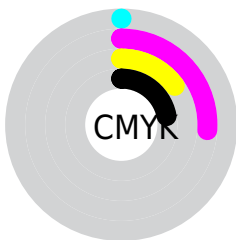
Distribution



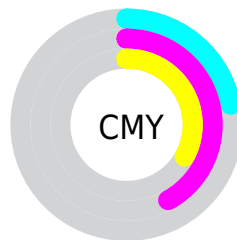
- Red (78%)
- Green (58%)
- Blue (67%)



- Red (78%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (26%)
- Yellow (15%)
- Black (22%)





- Cyan (22%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6650, 36.3614, 42.8527 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 41.6650, 36.3614, 42.8527 by changing the saturation by 10% instead.


 41.6650, 36.3614,
42.8527


 41.6650, 36.3614,
42.8527


344.1077,
330.5374, 373.9091

 29.0290, 24.7134,
29.4390


 76.9607, 69.5895,
80.7725

 19.2472, 15.8637,
19.1647


 100.3512, 91.9385,
106.1157

 11.9541, 9.4277,
11.6114


128.0572,
118.6232, 136.2725

 6.7844, 5.0212,
6.3603

160.4440,
150.0281, 171.6614

 3.3728, 2.2597,
2.9931

197.8772,
186.5376, 212.7010

 1.3538, 0.7523,
1.0911

240.7219,

 0.2230, 0.0000,

228.5360, 259.8097

0.0000

289.3436,
276.4078, 313.4062

■ 0.0000, 0.0000,
0.0000

■ 41.6650, 36.3614,
42.8527

■ 41.6650, 36.3614,
42.8527

■ 37.7508, 30.2036,
36.3967

■ 46.2192, 43.6449,
49.9956

■ 34.4430, 25.1097,
30.6032

■ 51.4384, 52.1018,
57.8442

■ 31.7099, 21.0197,
25.4493

■ 57.3501, 61.7830,
66.4193

■ 29.5152, 17.8655,
20.9099

■ 63.9795, 72.7350,
75.7401

■ 27.8184, 15.5704,
16.9575

■ 71.3502, 85.0020,
85.8252

■ 26.5724, 14.0452,
13.5622

■ 75.1946, 90.0454,
95.2621

■ 25.7192, 13.1783,
10.6892

■ 76.9569, 90.7504,
104.5422

■ 25.4438, 12.9291,
9.6675

■ 77.6296, 91.0195,
108.0847

Harmonies

Analogous

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



40.0467, 36.3614, 53.2051



41.6650, 36.3614, 42.8527



41.2825, 36.3614, 33.1766

Triad

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



41.6650, 36.3614, 42.8527



32.2412, 36.3614, 24.0931



30.4421, 36.3614, 56.4985

Complementary

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



41.6650, 36.3614, 42.8527



40.9043, 50.8197, 49.7751

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.



28.6108, 36.3614, 46.7840



41.6650, 36.3614, 42.8527



29.5996, 36.3614, 28.5238

Square

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



41.6650, 36.3614, 42.8527



35.6812, 36.3614, 23.4031



28.3132, 36.3614, 36.4999



33.4634, 36.3614, 61.9180

Rectangle

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



41.6650, 36.3614, 42.8527



39.9536, 36.3614, 28.2929



28.3132, 36.3614, 36.4999



29.6758, 36.3614, 53.5567

Sweetspot

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



41.6660, 36.3631, 42.8535



87.0464, 86.9328, 97.1681



39.2546, 34.7537, 59.2832



18.3282, 18.1146, 20.3455



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.



41.6660, 36.3631, 42.8535



68.3127, 56.9139, 67.9609



40.3079, 36.7029, 32.9788



10.8169, 10.7102, 12.0192



16.2207, 8.2378, 6.3719



0.8041, 0.4045, 0.4915

Inverse Universe

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



41.6660, 36.3631, 42.8535



68.3127, 56.9139, 67.9609



42.4997, 50.1878, 62.0913



10.8169, 10.7102, 12.0192



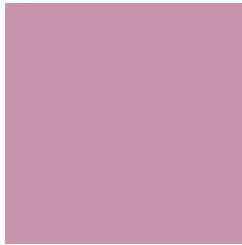
16.2207, 8.2378, 6.3719



0.8041, 0.4045, 0.4915

Previews

White Background



This preview shows how the XYZ color 41.6650, 36.3614, 42.8527 looks on a white background.

Color Contrast Check

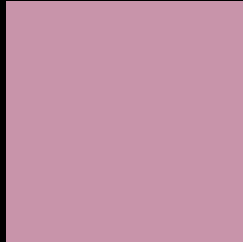
Large Text (above 18pt) WCAG AA × Fail

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 41.6650, 36.3614, 42.8527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

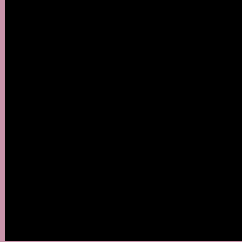
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6650, 36.3614, 42.8527

Background



This preview shows how black text looks on a background with the XYZ color 41.6650, 36.3614, 42.8527.



This preview shows how white text looks on a background with the XYZ color 41.6650, 36.3614,

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

41.6650, 36.3614, 42.8527

Protanopia

35.6542, 36.6321, 47.3110

Deuteranopia

37.1992, 36.5110, 42.1325



Tritanopia

40.8926, 36.5280, 38.6136

Trichromacy



Original Color

41.6650, 36.3614, 42.8527

Protanomaly

37.4740, 36.3230, 45.5934

Deuteranomaly

38.7246, 36.2901, 42.4998

Tritanomaly

41.0015, 36.3173, 39.9709

Monochromacy



Original Color

41.6650, 36.3614, 42.8527

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.7333, 37.0513, 41.7221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6650, 36.3614, 42.8527 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(200, 148, 170)` looks like.

```
.text, #text, p{  
    color:rgb(200, 148, 170)  
}
```

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(200, 148, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 148, 170) }
```

Border

The CSS property to change the border of an element to XYZ 41.6650, 36.3614, 42.8527 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(200, 148, 170) }
```


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

```
.border{ border-color:rgb(200, 148, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 148, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 148, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 148, 170);  
box-shadow:4px 4px 4px 4px rgb(200, 148,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6650, 36.3614, 42.8527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 148, 170) }
```

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

```
.background{ background-color: rgb(200,  
148, 170) }
```

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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