

Converting Colors

XYZ(42.3943, 36.0254, 39.9384)

Have a look what the booklet for
XYZ(42.3943, 36.0254, 39.9384)
contains.

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Color

**XYZ(42.5584, 36.1965,
39.8655)**

Conversions

Conversions Part 1

Format	Color
Hex	CF91A4
RGB	207, 145, 164
RGB Percent	81%, 57%, 64%
CMY	0.1882, 0.4314, 0.3569
CMYK	0.00, 0.30, 0.21, 0.19
HSL	342°, 39%, 69%
HSV	342°, 30%, 81%
XYZ	42.5584, 36.1965, 39.8655
YIQ	165.7040, 30.8530, 19.0530

Conversions

Conversions Part 2

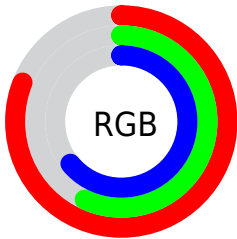
Format	Color
R_{YB}	207, 145, 164
Decimal	13603236
CIE _{Lab}	66.67, 26.18, -0.54
CIE _{LCh}	67, 26.189, 358.808
Yxy	36.1965, 0.3588, 0.3051
Android (android.graphics.Color)	4291793316 (0xFFCF91A4)
YUV	165.7040, -0.8401, 36.2166
Hunter-Lab	60.1635, 20.9809, 2.8278

Details

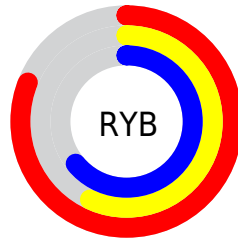
The XYZ color **42.5584, 36.1965, 39.8655** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.0685, 54.2772, 55.7862**, and the grayscale version is **36.0970, 37.9768, 41.3568**.

A 20% lighter version of the original color is **74.4496, 67.2213, 76.0689**, and **19.8762, 15.8507, 17.3411** is the 20% darker color. If you saturate the color by 10%, you get **38.4546, 29.9479, 32.4576**, and if you desaturate by 10%, it is **47.3869, 43.6596, 48.2380**.

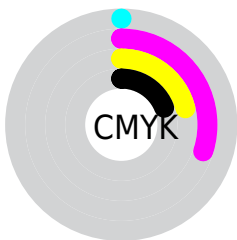
Distribution



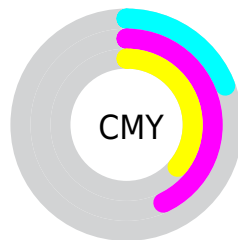
- Red (81%)
- Green (57%)
- Blue (64%)



- Red (81%)
- Yellow (57%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (21%)
- Black (19%)





- Cyan (19%)
- Magenta (43%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5584, 36.1965, 39.8655 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 42.5584, 36.1965, 39.8655 by changing the saturation by 10% instead.


 42.5584, 36.1965,
39.8655


 42.5584, 36.1965,
39.8655

347.7449,
329.8186, 361.0916

 29.7318, 24.5860,
27.1207


 78.3039, 69.3353,
76.1935

 19.7822, 15.7689,
17.4307

 101.9535, 91.6323,
100.6138

 12.3441, 9.3608,
10.3768


129.9416,
118.2603, 129.7630

 7.0524, 4.9772,
5.5406

162.6333,
149.6036, 164.0596

 3.5415, 2.2339,
2.5036

200.3942,
186.0468, 203.9223

 1.4462, 0.7384,
0.8421

243.5895,

 0.2888, 0.0000,

227.9740, 249.7695

0.0000

292.5846,
275.7698, 302.0197

0.0000, 0.0000,
0.0000

42.5584, 36.1965,
39.8655

42.5584, 36.1965,
39.8655

38.4546, 29.9479,
32.4576

47.3869, 43.6596,
48.2380

35.0363, 24.8441,
25.9762

52.9707, 52.3918,
57.6068

32.2651, 20.8162,
20.3836

59.3421, 62.4507,
68.0049

30.0975, 17.7856,
15.6386

66.5308, 73.8886,
79.4632

28.4840, 15.6630,
11.6963

74.5648, 86.7553,
92.0109

■ 27.3669, 14.3427,
8.5068

■ 78.7705, 91.6968,
104.1096

■ 26.6447, 13.6323,
6.0031

■ 79.5423, 92.0055,
108.1743

■ 26.6415, 13.6292,
5.9919

Harmonies

Analogous

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



41.3091, 36.1965, 51.7676



42.5584, 36.1965, 39.8655



41.4876, 36.1965, 29.8430

Triad

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



42.5584, 36.1965, 39.8655



30.8764, 36.1965, 23.2765



30.6228, 36.1965, 61.0694

Complementary

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



42.5584, 36.1965, 39.8655



43.0685, 54.2772, 55.7862

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.



28.1759, 36.1965, 50.8344



42.5584, 36.1965, 39.8655



28.3142, 36.1965, 29.1974

Square

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



42.5584, 36.1965, 39.8655



34.5617, 36.1965, 21.4378



27.3635, 36.1965, 38.9616



34.2461, 36.1965, 65.3654

Rectangle

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



42.5584, 36.1965, 39.8655



39.6451, 36.1965, 25.2203



27.3635, 36.1965, 38.9616



29.6459, 36.1965, 58.1239

Sweetspot

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



42.5594, 36.1982, 39.8662



85.7028, 85.2382, 93.6605



41.9726, 35.3687, 63.6466



18.0418, 17.7696, 19.5477



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.



42.5594, 36.1982, 39.8662



63.8129, 51.3015, 56.0187



42.7943, 39.2116, 32.1031



11.9558, 11.8670, 13.0428



16.8226, 8.6019, 3.9718



0.9760, 0.4951, 0.4083

Inverse Universe

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



42.5594, 36.1982, 39.8662



63.8129, 51.3015, 56.0187



42.5982, 49.8405, 66.4070



11.9558, 11.8670, 13.0428



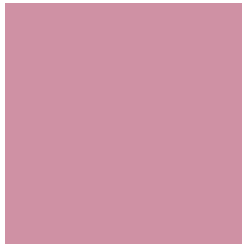
16.8226, 8.6019, 3.9718



0.9760, 0.4951, 0.4083

Previews

White Background



This preview shows how the XYZ color 42.5584, 36.1965, 39.8655 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 42.5584, 36.1965, 39.8655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

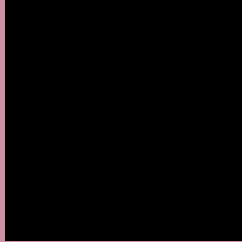
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5584, 36.1965, 39.8655

Background



This preview shows how black text looks on a background with the XYZ color 42.5584, 36.1965, 39.8655.



This preview shows how white text looks on a background with the XYZ color 42.5584, 36.1965,

39.8655.

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

42.5584, 36.1965, 39.8655

Protanopia

35.4606, 36.5780, 45.2357

Deuteranopia

36.9387, 36.1876, 39.2204



Tritanopia

41.8183, 36.1139, 36.6649

Trichromacy



Original Color

42.5584, 36.1965, 39.8655

Protanomaly

37.5043, 36.1442, 43.0300

Deuteranomaly

38.9884, 36.2456, 39.5915

Tritanomaly

42.0776, 36.2176, 38.0307

Monochromacy



Original Color

42.5584, 36.1965, 39.8655

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.0744, 36.9941, 40.7311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5584, 36.1965, 39.8655 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(207, 145, 164)` looks like.

```
.text, #text, p{  
    color:rgb(207, 145, 164)  
}
```

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(207, 145, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 145, 164) }
```

Border

The CSS property to change the border of an element to XYZ 42.5584, 36.1965, 39.8655 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(207, 145, 164) }
```


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

```
.border{ border-color:rgb(207, 145, 164) }
```

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

Here you see how a box with a 4 pixel rgb(207, 145, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 145, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 145, 164);  
box-shadow:4px 4px 4px 4px rgb(207, 145,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5584, 36.1965, 39.8655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 145, 164) }
```

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

```
.background{ background-color: rgb(207,  
145, 164) }
```

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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