

Converting Colors

XYZ(42.2062, 37.9851, 36.1008)

Have a look what the booklet for
XYZ(42.2062, 37.9851, 36.1008)
contains.

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Color

**XYZ(42.2095, 37.9864,
36.1178)**

Conversions

Conversions Part 1

Format	Color
Hex	CC999B
RGB	204, 153, 155
RGB Percent	80%, 60%, 61%
CMY	0.2000, 0.4000, 0.3922
CMYK	0.00, 0.25, 0.24, 0.20
HSL	358°, 33%, 70%
HSV	358°, 25%, 80%
XYZ	42.2095, 37.9864, 36.1178
YIQ	168.4770, 29.7540, 11.4340

Conversions

Conversions Part 2

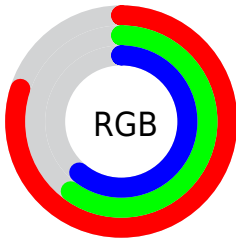
Format	Color
RYB	204, 153, 155
Decimal	13408667
CIELab	68.01, 19.36, 6.40
CIELCh	68, 20.386, 18.293
Yxy	37.9864, 0.3629, 0.3266
Android (android.graphics.Color)	4291598747 (0xFFCC999B)
YUV	168.4770, -6.6442, 31.1537
Hunter-Lab	61.6331, 14.3880, 8.3985

Details

The XYZ color **42.2095, 37.9864, 36.1178** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.3920, 54.2232, 63.9536**, and the grayscale version is **37.4763, 39.4279, 42.9370**.

A 20% lighter version of the original color is **75.3045, 70.9752, 70.0522**, and **19.6445, 16.8918, 15.3218** is the 20% darker color. If you saturate the color by 10%, you get **37.6369, 31.2651, 27.1206**, and if you desaturate by 10%, it is **47.6222, 45.9597, 46.7143**.

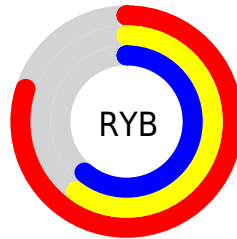
Distribution



Red (80%)

Green (60%)

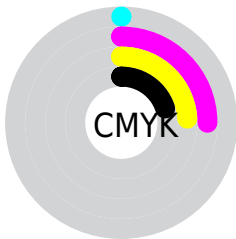
Blue (61%)



Red (80%)

Yellow (60%)

Blue (61%)

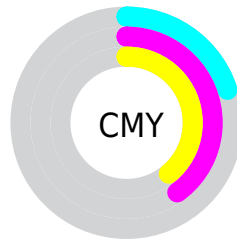


Cyan (0%)

Magenta (25%)

Yellow (24%)

Black (20%)



Cyan (20%)

Magenta (40%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2095, 37.9864, 36.1178 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 42.2095, 37.9864, 36.1178 by changing the saturation by 10% instead.


 42.2095, 37.9864,
36.1178


 42.2095, 37.9864,
36.1178


346.3275,
337.5616, 344.5281

 29.4572, 25.9721,
24.2348


 77.7798, 72.0873,
70.3849

 19.5730, 16.8028,
15.2941


 101.3285, 94.9427,
93.6061

 12.1915, 10.0940,
8.8771


129.2066,
122.1806, 121.4438

 6.9473, 5.4613,
4.5654

161.7797,
154.1854, 154.3165

 3.4752, 2.5204,
1.9404

199.4129,
191.3416, 192.6427

 1.4098, 0.8868,
0.5182

242.4718,

 0.2632, 0.0000,

234.0334, 236.8410

0.0000

291.3215,
282.6453, 287.3300

■ 0.0000, 0.0000,
0.0000

■ 42.2095, 37.9864,
36.1178

■ 42.2095, 37.9864,
36.1178

■ 37.6369, 31.2651,
27.1206

■ 47.6222, 45.9597,
46.7143

■ 33.8594, 25.7273,
19.6428

■ 53.9110, 55.2386,
58.9800

■ 30.8326, 21.3061,
13.6013

■ 61.1133, 65.8796,
72.9834

■ 28.5064, 17.9257,
8.9040

■ 69.2637, 77.9348,
88.7885

■ 26.8244, 15.5009,
5.4482

■ 78.3930, 91.4499,
106.4557

■ 25.7218, 13.9329,
3.1163

■ 78.7120, 91.5774,
108.1354

■ 25.1202, 13.1020,
1.7683

■ 24.9457, 12.8549,
1.3958

Harmonies

Analogous

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



42.4111, 37.9864, 45.0062



42.2095, 37.9864, 36.1178



40.3157, 37.9864, 29.6450

Triad

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



42.2095, 37.9864, 36.1178



31.7412, 37.9864, 30.7960



34.8818, 37.9864, 60.9259

Complementary

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



42.2095, 37.9864, 36.1178



45.3920, 54.2232, 63.9536

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.



32.1981, 37.9864, 55.8162



42.2095, 37.9864, 36.1178



30.4571, 37.9864, 37.9176

Square

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



42.2095, 37.9864, 36.1178



34.2246, 37.9864, 26.8968



30.6193, 37.9864, 47.0880



38.0529, 37.9864, 60.2561

Rectangle

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



42.2095, 37.9864, 36.1178



38.4075, 37.9864, 27.1647



30.6193, 37.9864, 47.0880



33.8963, 37.9864, 59.8000

Sweetspot

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



42.2105, 37.9882, 36.1186



86.9780, 88.0794, 93.1892



46.5000, 39.6239, 62.3244



18.4755, 18.6440, 19.6709



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.



42.2105, 37.9882, 36.1186



65.6514, 56.6567, 51.4582



46.1683, 46.1698, 36.6175



11.2298, 11.2207, 11.7449



15.7091, 8.0942, 0.9207



0.8168, 0.4201, 0.0810

Inverse Universe

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



42.2105, 37.9882, 36.1186



65.6514, 56.6567, 51.4582



40.5715, 44.2016, 63.5205



11.2298, 11.2207, 11.7449



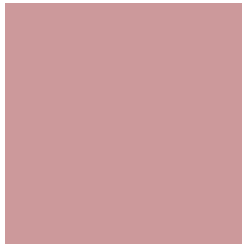
15.7091, 8.0942, 0.9207



0.8168, 0.4201, 0.0810

Previews

White Background



This preview shows how the XYZ color 42.2095, 37.9864, 36.1178 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 42.2095, 37.9864, 36.1178 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 42.2095, 37.9864, 36.1178

Background



This preview shows how black text looks on a background with the XYZ color 42.2095, 37.9864, 36.1178.



This preview shows how white text looks on a background with the XYZ color 42.2095, 37.9864,

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

42.2095, 37.9864, 36.1178

Protanopia

36.5543, 38.0649, 39.6031

Deuteranopia

38.8971, 38.0395, 35.8641



Tritanopia

43.0159, 38.0800, 39.7333

Trichromacy



Original Color

42.2095, 37.9864, 36.1178

Protanomaly

38.2943, 37.9380, 38.1053

Deuteranomaly

39.8820, 37.7845, 35.7630

Tritanomaly

42.7502, 37.9737, 38.3342

Monochromacy



Original Color

42.2095, 37.9864, 36.1178

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.7641, 38.6625, 40.0698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2095, 37.9864, 36.1178 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(204, 153, 155)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 155)  
}
```

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(204, 153, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 155) }
```

Border

The CSS property to change the border of an element to XYZ 42.2095, 37.9864, 36.1178 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(204, 153, 155) }
```


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

```
.border{ border-color:rgb(204, 153, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 155);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2095, 37.9864, 36.1178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 155) }
```

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

```
.background{ background-color: rgb(204,  
153, 155) }
```

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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