

Converting Colors

XYZ(42.7932, 42.1875, 37.1874)

Have a look what the booklet for
XYZ(42.7932, 42.1875, 37.1874)
contains.

| | |
|--|----|
| XYZ(42.7683, 42.1413, 37.3324) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(42.7683, 42.1413,
37.3324)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C4A89C |
| RGB | 196, 168, 156 |
| RGB Percent | 77%, 66%, 61% |
| CMY | 0.2314, 0.3412, 0.3882 |
| CMYK | 0.00, 0.14, 0.20, 0.23 |
| HSL | 18°, 25%, 69% |
| HSV | 18°, 20%, 77% |
| XYZ | 42.7683, 42.1413, 37.3324 |
| YIQ | 175.0040, 20.5400, 2.2040 |

Conversions

Conversions Part 2

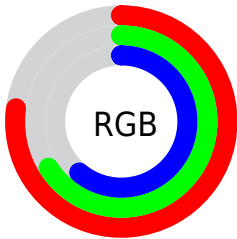
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 196, 173, 156 |
| Decimal | 12888220 |
| CIE _{Lab} | 70.97, 8.28, 9.96 |
| CIE _{LCh} | 71, 12.957, 50.261 |
| Yxy | 42.1413, 0.3499, 0.3447 |
| Android (android.graphics.Color) | 4291078300 (0xFFC4A89C) |
| YUV | 175.0040, -9.3690, 18.4135 |
| Hunter-Lab | 64.9163, 3.9961, 11.3446 |

Details

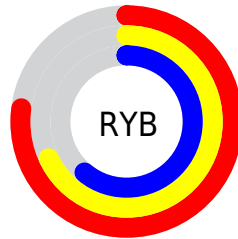
The XYZ color **42.7683, 42.1413, 37.3324** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.8142, 45.3332, 58.8239**, and the grayscale version is **40.7900, 42.9143, 46.7337**.

A 20% lighter version of the original color is **78.5285, 78.3111, 71.9494**, and **19.9505, 19.2615, 16.0309** is the 20% darker color. If you saturate the color by 10%, you get **38.8405, 36.7308, 28.4849**, and if you desaturate by 10%, it is **47.2334, 48.1972, 47.6813**.

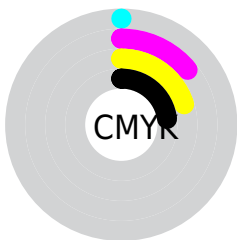
Distribution



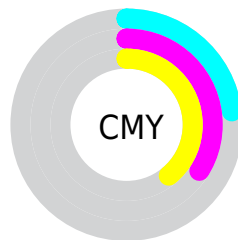
- Red (77%)
- Green (66%)
- Blue (61%)



- Red (77%)
- Yellow (68%)
- Blue (61%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (23%)





- Cyan (23%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7683, 42.1413, 37.3324 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 42.7683, 42.1413, 37.3324 by changing the saturation by 10% instead.


 42.7683, 42.1413,
37.3324


 42.7683, 42.1413,
37.3324


348.5957,
355.0683, 349.9593

 29.8971, 29.2119,
25.1672


 78.6190, 78.4134,
72.2758

 19.9082, 19.2412,
15.9815


 102.3292,
102.5250, 95.8909

 12.4362, 11.8447,
9.3568


130.3831,
131.1328, 124.1599

 7.1158, 6.6380,
4.8747

163.1461,
164.6211, 157.5011

 3.5816, 3.2368,
2.1165

200.9835,
203.3745, 196.3331

 1.4683, 1.2566,
0.6255

244.2606,

 0.3041, 0.1072,

247.7772, 241.0744

0.0000

293.3429,
298.2137, 292.1437

0.0000, 0.0000,
0.0000

42.7683, 42.1413,
37.3324

42.7683, 42.1413,
37.3324

38.8405, 36.7308,
28.4849

47.2334, 48.1972,
47.6813

35.4256, 31.9383,
21.0659

52.2523, 54.9132,
59.5945

32.5022, 27.7428,
15.0003

57.8448, 62.3110,
73.1347

30.0458, 24.1200,
10.2050

64.0290, 70.4093,
88.3602

28.0300, 21.0437,
6.5876

70.8219, 79.2261,
105.3266

■ 26.4250, 18.4855,
4.0431

■ 75.0982, 87.5221,
107.5431

■ 25.1968, 16.4140,
2.4474

■ 76.5751, 90.4758,
108.0354

■ 24.3197, 14.8452,
1.5836

Harmonies

Analogous

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



44.0780, 42.1413, 41.8876



42.7683, 42.1413, 37.3324



40.7607, 42.1413, 35.1315

Triad

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



42.7683, 42.1413, 37.3324



36.0985, 42.1413, 43.9019



41.5096, 42.1413, 57.9724

Complementary

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



42.7683, 42.1413, 37.3324



40.8142, 45.3332, 58.8239

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.



39.3556, 42.1413, 58.6347



42.7683, 42.1413, 37.3324



36.2827, 42.1413, 50.1283

Square

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



42.7683, 42.1413, 37.3324



36.9444, 42.1413, 38.6929



37.4571, 42.1413, 55.6525



43.3334, 42.1413, 53.9167

Rectangle

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



42.7683, 42.1413, 37.3324



39.3187, 42.1413, 35.1473



37.4571, 42.1413, 55.6525



40.7984, 42.1413, 58.6126

Sweetspot

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



42.7694, 42.1432, 37.3333



89.3621, 92.4104, 95.3317



43.3055, 38.9739, 50.5880



18.9996, 19.6086, 20.1027



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.



42.7694, 42.1432, 37.3333



74.5401, 72.3160, 60.9509



46.7493, 50.1029, 38.6599



10.3141, 10.5597, 10.5565



15.6931, 9.6719, 1.0397



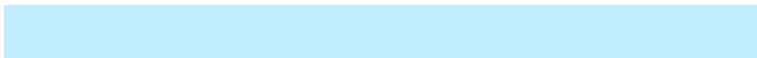
0.7400, 0.5418, 0.0656

Inverse Universe

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



40.8142, 45.3332, 58.8239



70.4252, 79.0196, 106.1482



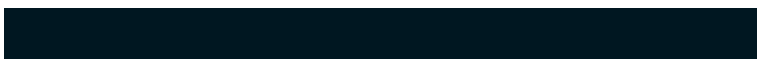
36.9500, 37.6049, 57.5358



10.1051, 10.9016, 12.8564



12.2450, 14.2464, 35.6611



0.5870, 0.7315, 1.5601

Previews

White Background



This preview shows how the XYZ color 42.7683, 42.1413, 37.3324 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 42.7683, 42.1413, 37.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

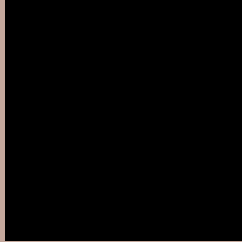
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7683, 42.1413, 37.3324

Background



This preview shows how black text looks on a background with the XYZ color 42.7683, 42.1413, 37.3324.



This preview shows how white text looks on a background with the XYZ color 42.7683, 42.1413,

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

42.7683, 42.1413, 37.3324

Protanopia

40.0240, 42.0936, 38.8163

Deuteranopia

43.0293, 42.2759, 37.3447



Tritanopia

45.0442, 42.2667, 47.9037

Trichromacy



Original Color

42.7683, 42.1413, 37.3324

Protanomaly

40.9842, 42.0335, 38.3009

Deuteranomaly

43.0293, 42.2759, 37.3447

Tritanomaly

44.1806, 42.1805, 43.8433

Monochromacy



Original Color

42.7683, 42.1413, 37.3324

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3488, 42.3995, 43.0504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7683, 42.1413, 37.3324 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(196, 168, 156)` looks like.

```
.text, #text, p{  
    color:rgb(196, 168, 156)  
}
```

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(196, 168, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 168, 156) }
```

Border

The CSS property to change the border of an element to XYZ 42.7683, 42.1413, 37.3324 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(196, 168, 156) }
```


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

```
.border{ border-color:rgb(196, 168, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 168, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 168, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 168, 156);  
box-shadow:4px 4px 4px 4px rgb(196, 168,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7683, 42.1413, 37.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 168, 156) }
```

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

```
.background{ background-color: rgb(196,  
168, 156) }
```

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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