

Converting Colors

XYZ(42.7841, 42.4188, 36.1360)

Have a look what the booklet for
XYZ(42.7841, 42.4188, 36.1360)
contains.

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Color

**XYZ(42.7027, 42.4116,
36.0726)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A999
RGB	196, 169, 153
RGB Percent	77%, 66%, 60%
CMY	0.2314, 0.3372, 0.4000
CMYK	0.00, 0.14, 0.22, 0.23
HSL	22°, 27%, 68%
HSV	22°, 22%, 77%
XYZ	42.7027, 42.4116, 36.0726
YIQ	175.2490, 21.2280, 0.7480

Conversions

Conversions Part 2

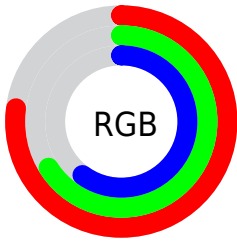
Format	Color
R_{YB}	196, 178, 153
Decimal	12888473
CIE _{Lab}	71.15, 7.29, 11.88
CIE _{LCh}	71, 13.933, 58.465
Yxy	42.4116, 0.3524, 0.3500
Android (android.graphics.Color)	4291078553 (0xFFC4A999)
YUV	175.2490, -10.9688, 18.1986
Hunter-Lab	65.1242, 3.0772, 12.7459

Details

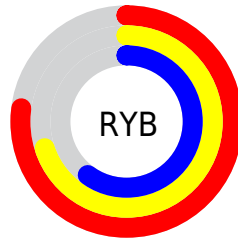
The XYZ color **42.7027, 42.4116, 36.0726** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.4217, 43.3993, 58.5240**, and the grayscale version is **40.9248, 43.0561, 46.8881**.

A 20% lighter version of the original color is **78.4262, 78.6989, 70.0884**, and **19.9149, 19.4327, 15.2716** is the 20% darker color. If you saturate the color by 10%, you get **39.0327, 37.4528, 27.5078**, and if you desaturate by 10%, it is **46.8564, 47.9116, 46.1115**.

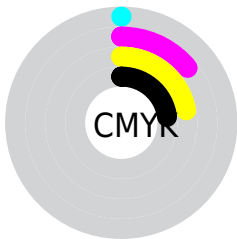
Distribution



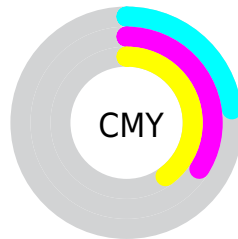
- Red (77%)
- Green (66%)
- Blue (60%)



- Red (77%)
- Yellow (70%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (23%)





- Cyan (23%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7027, 42.4116, 36.0726 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 42.7027, 42.4116, 36.0726 by changing the saturation by 10% instead.


 42.7027, 42.4116,
36.0726


 42.7027, 42.4116,
36.0726


348.3300,
356.1864, 344.3248

 29.8454, 29.4237,
24.2001


 78.5205, 78.8222,
70.3144

 19.8688, 19.4016,
15.2686


 102.2118,
103.0137, 93.5208

 12.4074, 11.9608,
8.8594


130.2452,
131.7085, 121.3423

 7.0959, 6.7170,
4.5540

162.9859,
165.2911, 154.1974

 3.5690, 3.2858,
1.9339

200.7994,
204.1457, 192.5047

 1.4613, 1.2827,
0.5142

244.0510,

 0.2993, 0.1277,

248.6569, 236.6826

0.0000

293.1061,
299.2090, 287.1498

■ 0.0000, 0.0000,
0.0000

■ 42.7027, 42.4116,
36.0726

■ 42.7027, 42.4116,
36.0726

■ 39.0327, 37.4528,
27.5078

■ 46.8564, 47.9116,
46.1115

■ 35.8241, 33.0124,
20.3442

■ 51.5082, 53.9631,
57.6875

■ 33.0578, 29.0743,
14.5066

■ 56.6759, 60.5837,
70.8629

■ 30.7120, 25.6194,
9.9116

■ 62.3757, 67.7882,
85.6959

■ 28.7624, 22.6271,
6.4661

■ 68.6228, 75.5907,
102.2418

■ 27.1823, 20.0752,
4.0638

■ 72.8168, 82.9592,
106.7826

■ 25.9403, 17.9390,
2.5778

■ 76.5751, 90.4758,
108.0354

■ 25.1442, 16.4940,
1.8584

Harmonies

Analogous

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



44.3841, 42.4116, 40.3229



42.7027, 42.4116, 36.0726



40.4312, 42.4116, 34.4912

Triad

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



42.7027, 42.4116, 36.0726



35.9913, 42.4116, 45.8359



42.4869, 42.4116, 58.4176

Complementary

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



42.7027, 42.4116, 36.0726



39.4217, 43.3993, 58.5240

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.



40.1910, 42.4116, 60.2475



42.7027, 42.4116, 36.0726



36.4950, 42.4116, 52.5764

Square

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



42.7027, 42.4116, 36.0726



36.6075, 42.4116, 39.7810



38.0102, 42.4116, 58.0161



44.2561, 42.4116, 53.2287

Rectangle

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



42.7027, 42.4116, 36.0726



38.9069, 42.4116, 35.0347



38.0102, 42.4116, 58.0161



41.7484, 42.4116, 59.4667

Sweetspot

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



42.7038, 42.4135, 36.0735



88.8366, 91.9603, 93.3036



42.4186, 37.8236, 48.3702



18.9047, 19.5401, 19.6975



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.



42.7038, 42.4135, 36.0735



74.2816, 72.6988, 58.0908



46.9864, 50.9786, 37.5010



10.3734, 10.6783, 10.5762



16.2324, 10.7506, 1.2195



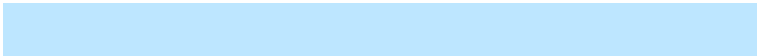
0.7676, 0.5970, 0.0748

Inverse Universe

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



39.4217, 43.3993, 58.5240



67.3491, 74.7748, 105.4911



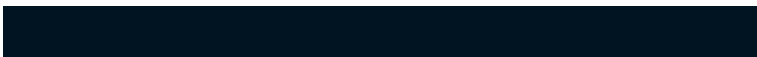
35.4535, 35.4631, 57.2013



10.0433, 10.7779, 12.8358



11.0422, 11.8409, 35.2602



0.5413, 0.6401, 1.5449

Previews

White Background



This preview shows how the XYZ color 42.7027, 42.4116, 36.0726 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 42.7027, 42.4116, 36.0726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

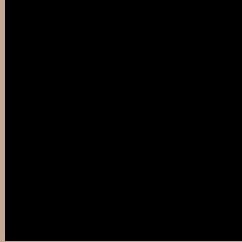
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7027, 42.4116, 36.0726

Background



This preview shows how black text looks on a background with the XYZ color 42.7027, 42.4116, 36.0726.



This preview shows how white text looks on a background with the XYZ color 42.7027, 42.4116,

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

42.7027, 42.4116, 36.0726

Protanopia

40.3439, 42.5837, 37.1035

Deuteranopia

43.3056, 42.4473, 36.0477



Tritanopia

45.0442, 42.2667, 47.9037

Trichromacy



Original Color

42.7027, 42.4116, 36.0726

Protanomaly

41.0788, 42.4029, 36.5914

Deuteranomaly

43.0411, 42.3109, 36.0353

Tritanomaly

44.0864, 42.1428, 43.3469

Monochromacy



Original Color

42.7027, 42.4116, 36.0726

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.4471, 42.7444, 42.6252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7027, 42.4116, 36.0726 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, 169, 153)` looks like.

```
.text, #text, p{  
    color:rgb(196, 169, 153)  
}
```

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, 169, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 169, 153) }
```

Border

The CSS property to change the border of an element to XYZ 42.7027, 42.4116, 36.0726 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, 169, 153) }
```


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

```
.border{ border-color:rgb(196, 169, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 169, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 169, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 169, 153);  
box-shadow:4px 4px 4px 4px rgb(196, 169,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7027, 42.4116, 36.0726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 169, 153) }
```

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

```
.background{ background-color: rgb(196,  
169, 153) }
```

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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