

Converting Colors

XYZ(42.6816, 42.3029, 41.6717)

Have a look what the booklet for
XYZ(42.6816, 42.3029, 41.6717)
contains.

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Color

**XYZ(42.7177, 42.2990,
41.5104)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A9A5
RGB	192, 169, 165
RGB Percent	75%, 66%, 65%
CMY	0.2471, 0.3372, 0.3529
CMYK	0.00, 0.12, 0.14, 0.25
HSL	9°, 18%, 70%
HSV	9°, 14%, 75%
XYZ	42.7177, 42.2990, 41.5104
YIQ	175.4210, 14.9920, 3.6320

Conversions

Conversions Part 2

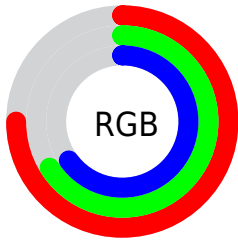
Format	Color
RYB	192, 170, 165
Decimal	12626341
CIELab	71.08, 7.66, 5.11
CIELCh	71, 9.213, 33.699
Yxy	42.2990, 0.3376, 0.3343
Android (android.graphics.Color)	4290816421 (0xFFC0A9A5)
YUV	175.4210, -5.1376, 14.5398
Hunter-Lab	65.0377, 3.4255, 7.6844

Details

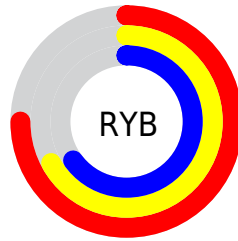
The XYZ color **42.7177, 42.2990, 41.5104** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.0144, 47.7705, 56.8230**, and the grayscale version is **40.9870, 43.1215, 46.9594**.

A 20% lighter version of the original color is **78.6408, 78.6184, 78.7402**, and **19.8232, 19.3181, 18.3068** is the 20% darker color. If you saturate the color by 10%, you get **38.2455, 35.9443, 32.0353**, and if you desaturate by 10%, it is **47.8351, 49.5235, 52.4960**.

Distribution



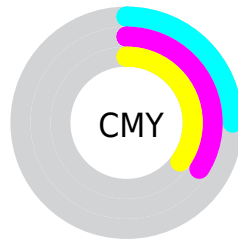
- Red (75%)
- Green (66%)
- Blue (65%)



- Red (75%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (25%)





- Cyan (25%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7177, 42.2990, 41.5104 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 42.7177, 42.2990, 41.5104 by changing the saturation by 10% instead.

 42.7177, 42.2990,
41.5104


 42.7177, 42.2990,
41.5104


348.3907,
355.7209, 368.1889

 29.8572, 29.3355,
28.3954


 78.5431, 78.6519,
78.7202

 19.8778, 19.3348,
18.3823


 102.2387,
102.8102, 103.6520

 12.4140, 11.9124,
11.0525


130.2767,
131.4688, 133.3599

 7.1005, 6.6841,
5.9876

163.0225,
165.0121, 168.2624

 3.5719, 3.2653,
2.7689

200.8415,
203.8246, 208.7780

 1.4629, 1.2718,
0.9779

244.0989,

 0.3004, 0.1192,

248.2906, 255.3253

0.0000

293.1602,
298.7946, 308.3227

■ 0.0000, 0.0000,
0.0000

■ 42.7177, 42.2990,
41.5104

■ 42.7177, 42.2990,
41.5104

■ 38.2455, 35.9443,
32.0353

■ 47.8351, 49.5235,
52.4960

■ 34.3894, 30.4210,
24.0020

■ 53.6185, 57.6430,
65.0513

■ 31.1233, 25.6963,
17.3403

■ 60.0920, 66.6888,
79.2357

■ 28.4175, 21.7332,
11.9734

■ 67.2773, 76.6889,
95.1048

■ 26.2402, 18.4914,
7.8166

■ 74.2138, 87.2775,
107.5425

■ 24.5558, 15.9271,
4.7752

■ 75.5484, 89.9465,
107.9873

■ 23.3246, 13.9916,
2.7402

■ 22.5000, 12.6294,
1.5808

■ 22.1648, 12.0595,
1.1595

Harmonies

Analogous

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



43.2313, 42.2990, 45.5116



42.7177, 42.2990, 41.5104



41.5301, 42.2990, 38.8657

Triad

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



42.7177, 42.2990, 41.5104



37.6078, 42.2990, 42.4007



40.3952, 42.2990, 55.0465

Complementary

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



42.7177, 42.2990, 41.5104



43.0144, 47.7705, 56.8230

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.



38.9063, 42.2990, 54.0835



42.7177, 42.2990, 41.5104



37.3213, 42.2990, 46.6056

Square

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



42.7177, 42.2990, 41.5104



38.5836, 42.2990, 39.3562



37.7908, 42.2990, 50.9228



41.8690, 42.2990, 53.4769

Rectangle

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



42.7177, 42.2990, 41.5104



40.5297, 42.2990, 38.1323



37.7908, 42.2990, 50.9228



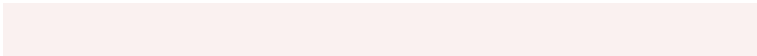
39.8799, 42.2990, 55.0087

Sweetspot

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



42.7189, 42.3009, 41.5113



86.6722, 89.7306, 95.1149



44.3141, 41.7654, 53.5297



18.4340, 19.0248, 20.0598



92.9021, 97.7402, 106.4391



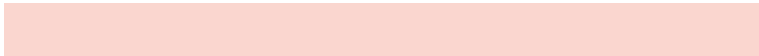
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.7189, 42.3009, 41.5113



74.6769, 72.7806, 69.4113



45.2786, 47.4204, 42.3646



10.1911, 10.3136, 10.5155



14.9505, 8.1867, 0.7922



0.6854, 0.4325, 0.0474

Inverse Universe

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



43.0144, 47.7705, 56.8230



75.3191, 84.6827, 102.7360



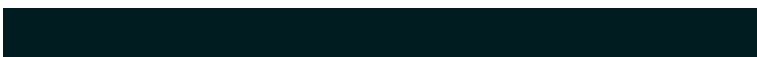
40.3425, 42.4267, 55.9324



10.2372, 11.1657, 12.9005



15.3236, 20.4037, 36.6873



0.6975, 0.9523, 1.5969

Previews

White Background



This preview shows how the XYZ color 42.7177, 42.2990, 41.5104 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 42.7177, 42.2990, 41.5104 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 42.7177, 42.2990, 41.5104

Background



This preview shows how black text looks on a background with the XYZ color 42.7177, 42.2990, 41.5104.



This preview shows how white text looks on a background with the XYZ color 42.7177, 42.2990,

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

42.7177, 42.2990, 41.5104

Protanopia

40.5090, 42.2609, 42.5813

Deuteranopia

43.0423, 42.1912, 41.4725



Tritanopia

44.3051, 42.4021, 49.0293

Trichromacy



Original Color

42.7177, 42.2990, 41.5104

Protanomaly

41.4026, 42.4486, 42.0876

Deuteranomaly

42.7865, 42.0593, 41.4605

Tritanomaly

43.7328, 42.4379, 46.4438

Monochromacy



Original Color

42.7177, 42.2990, 41.5104

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3503, 42.6512, 44.5812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7177, 42.2990, 41.5104 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(192, 169, 165)` looks like.

```
.text, #text, p{  
    color:rgb(192, 169, 165)  
}
```

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(192, 169, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 169, 165) }
```

Border

The CSS property to change the border of an element to XYZ 42.7177, 42.2990, 41.5104 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(192, 169, 165) }
```


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

```
.border{ border-color:rgb(192, 169, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 169, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 169, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 169, 165);  
box-shadow:4px 4px 4px 4px rgb(192, 169,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7177, 42.2990, 41.5104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 169, 165) }
```

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

```
.background{ background-color: rgb(192,  
169, 165) }
```

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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