

Converting Colors

XYZ(41.8208, 42.2578, 35.2662)

Have a look what the booklet for
XYZ(41.8208, 42.2578, 35.2662)
contains.

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Color

**XYZ(41.6989, 42.1903,
35.2239)**

Conversions

Conversions Part 1

Format	Color
Hex	C0AA97
RGB	192, 170, 151
RGB Percent	75%, 67%, 59%
CMY	0.2471, 0.3333, 0.4078
CMYK	0.00, 0.11, 0.21, 0.25
HSL	28°, 25%, 67%
HSV	28°, 21%, 75%
XYZ	41.6989, 42.1903, 35.2239
YIQ	174.4120, 19.2110, -1.2450

Conversions

Conversions Part 2

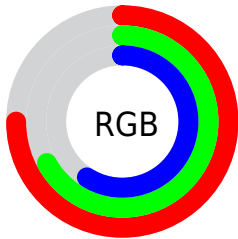
Format	Color
R_{YB}	192, 186, 151
Decimal	12626583
CIE _{Lab}	71.00, 4.92, 12.71
CIE _{LCh}	71, 13.626, 68.846
Yxy	42.1903, 0.3501, 0.3542
Android (android.graphics.Color)	4290816663 (0xFFC0AA97)
YUV	174.4120, -11.5421, 15.4247
Hunter-Lab	64.9541, 0.9230, 13.3155

Details

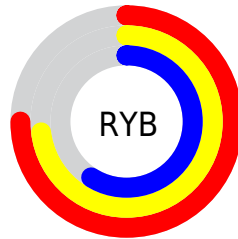
The XYZ color **41.6989, 42.1903, 35.2239** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2202, 40.2713, 55.6809**, and the grayscale version is **40.4956, 42.6045, 46.3963**.

A 20% lighter version of the original color is **77.0116, 78.3979, 68.8310**, and **19.2599, 19.2802, 14.7629** is the 20% darker color. If you saturate the color by 10%, you get **38.4092, 37.9062, 27.0508**, and if you desaturate by 10%, it is **45.3961, 46.8825, 44.7867**.

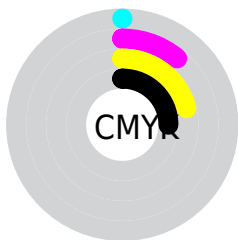
Distribution



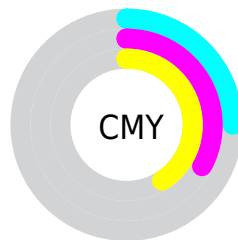
- Red (75%)
- Green (67%)
- Blue (59%)



- Red (75%)
- Yellow (73%)
- Blue (59%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (25%)





- Cyan (25%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6989, 42.1903, 35.2239 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 41.6989, 42.1903, 35.2239 by changing the saturation by 10% instead.


 41.6989, 42.1903,
35.2239


 41.6989, 42.1903,
35.2239


344.2461,
355.2712, 340.4897

 29.0557, 29.2503,
23.5505


 77.0117, 78.4876,
68.9880

 19.2674, 19.2703,
14.7914


 100.4121,
102.6136, 91.9157

 11.9688, 11.8657,
8.5281


128.1288,
131.2372, 119.4319

 6.7945, 6.6523,
4.3421

160.5273,
164.7426, 151.9552

 3.3791, 3.2456,
1.8148

197.9730,
203.5144, 189.9041

 1.3573, 1.2613,
0.4377

240.8311,

 0.2255, 0.1109,

247.9368, 233.6971

0.0000

289.4670,
298.3943, 283.7528

■ 0.0000, 0.0000,
0.0000

■ 41.6989, 42.1903,
35.2239

■ 41.6989, 42.1903,
35.2239

■ 38.4092, 37.9062,
27.0508

■ 45.3961, 46.8825,
44.7867

■ 35.5080, 34.0126,
20.1989

■ 49.5124, 51.9882,
55.7980

■ 32.9795, 30.4990,
14.5980

■ 54.0626, 57.5201,
68.3163

■ 30.8054, 27.3521,
10.1700

■ 59.0603, 63.4887,
82.3961

■ 28.9656, 24.5577,
6.8280

■ 64.5180, 69.9037,
98.0893

■ 27.4375, 22.1002,
4.4728

■ 68.5912, 76.0322,
105.6683

■ 26.1948, 19.9624,
2.9866

■ 71.5731, 81.9961,
106.6623

■ 25.3102, 18.3503,
2.2080

■ 74.7278, 88.3053,
107.7138

■ 75.5484, 89.9465,
107.9873

Harmonies

Analogous

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



43.6024, 42.1903, 38.5248



41.6989, 42.1903, 35.2239



39.4322, 42.1903, 34.6451

Triad

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



41.6989, 42.1903, 35.2239



35.9346, 42.1903, 47.8902



42.9053, 42.1903, 56.3944

Complementary

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



41.6989, 42.1903, 35.2239



37.2202, 40.2713, 55.6809

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.



40.7766, 42.1903, 59.4517



41.6989, 42.1903, 35.2239



36.7915, 42.1903, 54.2462

Square

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



41.6989, 42.1903, 35.2239



36.1605, 42.1903, 41.5667



38.5437, 42.1903, 58.6305



44.3170, 42.1903, 50.6057

Rectangle

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



41.6989, 42.1903, 35.2239



38.0284, 42.1903, 35.8218



38.5437, 42.1903, 58.6305



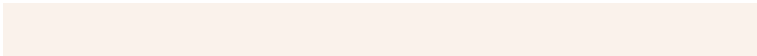
42.2467, 42.1903, 57.7994

Sweetspot

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



41.7000, 42.1922, 35.2248



86.0796, 89.7167, 91.3063



40.4015, 36.3787, 44.7076



18.3619, 19.1169, 19.3073



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.



41.7000, 42.1922, 35.2248



72.4488, 72.4274, 56.0194



45.7272, 50.2465, 36.5672



10.4493, 10.8301, 10.6016



17.1073, 12.5003, 1.5111



0.8080, 0.6779, 0.0883

Inverse Universe

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



37.2202, 40.2713, 55.6809



62.7659, 68.2740, 100.2304



33.6769, 33.1845, 54.4998



9.9658, 10.6228, 12.8100



9.7450, 9.2464, 34.8277



0.4895, 0.5363, 1.5276

Previews

White Background



This preview shows how the XYZ color 41.6989, 42.1903, 35.2239 looks on a white background.

Color Contrast Check

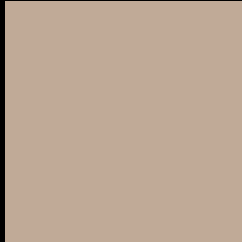
Large Text (above 18pt) WCAG AA × Fail

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 41.6989, 42.1903, 35.2239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

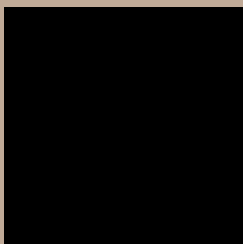
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

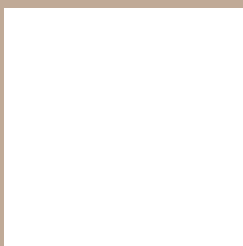
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6989, 42.1903, 35.2239

Background



This preview shows how black text looks on a background with the XYZ color 41.6989, 42.1903, 35.2239.



This preview shows how white text looks on a background with the XYZ color 41.6989, 42.1903,

35.2239.

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

41.6989, 42.1903, 35.2239

Protanopia

39.9847, 42.1321, 36.1619

Deuteranopia

43.0394, 42.0465, 35.5531



Tritanopia

44.2786, 42.1292, 48.4458

Trichromacy



Original Color

41.6989, 42.1903, 35.2239

Protanomaly

40.6697, 42.2111, 35.7098

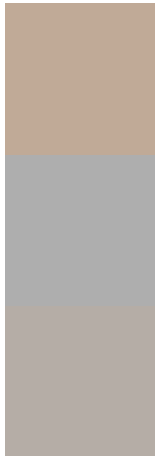
Deuteranomaly

42.4351, 42.0080, 35.5776

Tritanomaly

43.2283, 41.9713, 43.3590

Monochromacy



Original Color

41.6989, 42.1903, 35.2239

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.8826, 42.4641, 42.1180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6989, 42.1903, 35.2239 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, 170, 151)` looks like.

```
.text, #text, p{  
    color:rgb(192, 170, 151)  
}
```

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, 170, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 170, 151) }
```

Border

The CSS property to change the border of an element to XYZ 41.6989, 42.1903, 35.2239 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, 170, 151) }
```


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

```
.border{ border-color:rgb(192, 170, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 170, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 170, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 170, 151);  
box-shadow:4px 4px 4px 4px rgb(192, 170,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6989, 42.1903, 35.2239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 170, 151) }
```

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

```
.background{ background-color: rgb(192,  
170, 151) }
```

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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