

Converting Colors

XYZ(41.9322, 40.9862, 21.0303)

Have a look what the booklet for
XYZ(41.9322, 40.9862, 21.0303)
contains.

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Color

**XYZ(41.9322, 40.9862,
21.0303)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA470
RGB	207, 164, 112
RGB Percent	81%, 64%, 44%
CMY	0.1882, 0.3568, 0.5608
CMYK	0.00, 0.21, 0.46, 0.19
HSL	33°, 50%, 63%
HSV	33°, 46%, 81%
XYZ	41.9322, 40.9862, 21.0303
YIQ	170.9290, 42.3200, -7.0560

Conversions

Conversions Part 2

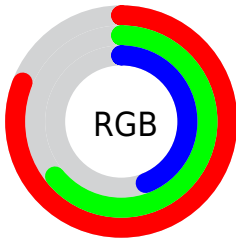
Format	Color
RYB	191, 207, 112
Decimal	13608048
CIELab	70.17, 9.23, 32.95
CIELCh	70, 34.221, 74.358
Yxy	40.9862, 0.4034, 0.3943
Android (android.graphics.Color)	4291798128 (0xFFCFA470)
YUV	170.9290, -29.0520, 31.6343
Hunter-Lab	64.0205, 4.8783, 25.3380

Details

The XYZ color **41.9322, 40.9862, 21.0303** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.6654, 31.3911, 63.5268**, and the grayscale version is **38.8003, 40.8210, 44.4540**.

A 20% lighter version of the original color is **73.2724, 74.6034, 45.6600**, and **19.4539, 18.5265, 7.2533** is the 20% darker color. If you saturate the color by 10%, you get **39.2945, 37.3480, 15.1038**, and if you desaturate by 10%, it is **44.9605, 44.9813, 28.3950**.

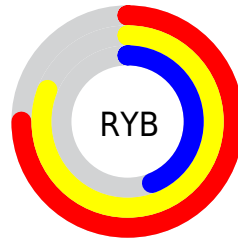
Distribution



Red (81%)

Green (64%)

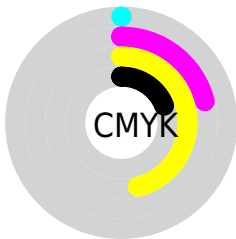
Blue (44%)



Red (75%)

Yellow (81%)

Blue (44%)

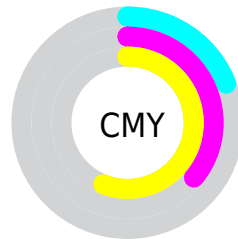


Cyan (0%)

Magenta (21%)

Yellow (46%)

Black (19%)



Cyan (19%)


Magenta (36%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9322, 40.9862, 21.0303 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 41.9322, 40.9862, 21.0303 by changing the saturation by 10% instead.


 41.9322, 40.9862,
21.0303


 41.9322, 40.9862,
21.0303


345.1982,
350.2629, 270.2258


 29.2391, 28.3083,
12.9547


 77.3628, 76.6629,
46.0194


 19.4069, 18.5582,
7.2670


 100.8310,
100.4306, 63.7700

 12.0704, 11.3515,
3.5487


 128.6216,
128.6636, 85.5826

 6.8642, 6.3038,
1.3812

 161.1000,
161.7464, 111.8759

 3.4229, 3.0307,
0.1270

198.6315,
200.0633, 143.0683

 1.3811, 1.1478,
0.0000

241.5814,

 0.2427, 0.0184,

243.9988, 179.5784

0.0000

290.3152,
293.9372, 221.8247

■ 0.0000, 0.0000,
0.0000

■ 41.9322, 40.9862,
21.0303

■ 41.9322, 40.9862,
21.0303

■ 39.2945, 37.3480,
15.1038

■ 44.9605, 44.9813,
28.3950

■ 37.0231, 34.0482,
10.5151

■ 48.3954, 49.3393,
37.2839

■ 35.0958, 31.0751,
7.1549


■ 52.2559, 54.0732,
47.7793


■ 33.4854, 28.4132,
4.8950


■ 56.5584, 59.1935,
59.9567

■ 32.1590, 26.0448,
3.5763


■ 61.3187, 64.7102,
73.8869

 31.6725, 25.1462,
3.1844

 66.5515, 70.6329,
89.6363

 71.9632, 76.8478,
105.6480

 74.6346, 82.1905,
106.5384

 77.4482, 87.8176,
107.4763

Harmonies

Analogous

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



47.1735, 40.9862, 26.3521



41.9322, 40.9862, 21.0303



36.3464, 40.9862, 20.9222

Triad

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



41.9322, 40.9862, 21.0303



29.4279, 40.9862, 52.7197



46.9799, 40.9862, 70.5071

Complementary

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



41.9322, 40.9862, 21.0303



29.6654, 31.3911, 63.5268

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.



41.6879, 40.9862, 81.6654



41.9322, 40.9862, 21.0303



31.7532, 40.9862, 69.8465

Square

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



41.9322, 40.9862, 21.0303



29.4797, 40.9862, 36.8178



36.1244, 40.9862, 81.3982



50.2727, 40.9862, 53.4690

Rectangle

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



41.9322, 40.9862, 21.0303



33.1896, 40.9862, 23.7029



36.1244, 40.9862, 81.3982



45.3548, 40.9862, 75.2333

Sweetspot

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



41.9332, 40.9882, 21.0311



84.8863, 88.0314, 79.7429



37.5555, 27.2657, 34.8844



17.8615, 18.4715, 16.2120



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.



41.9332, 40.9882, 21.0311



63.0658, 59.9834, 24.3984



50.0936, 58.6091, 24.0022



12.3374, 12.8655, 12.4451



20.0509, 16.0348, 2.0382



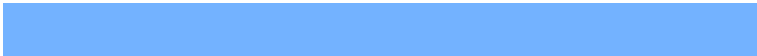
1.1998, 1.0540, 0.1402

Inverse Universe

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



29.6654, 31.3911, 63.5268



41.0524, 42.7780, 100.7010



24.1492, 19.7500, 61.5706



11.5980, 12.2863, 15.0039



9.6920, 8.0306, 38.2317



0.6207, 0.6066, 2.1639

Previews

White Background



This preview shows how the XYZ color 41.9322, 40.9862, 21.0303 looks on a white background.

Color Contrast Check

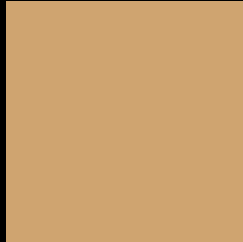
Large Text (above 18pt) WCAG AA × Fail

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 41.9322, 40.9862, 21.0303 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 41.9322, 40.9862, 21.0303

Background



This preview shows how black text looks on a background with the XYZ color 41.9322, 40.9862, 21.0303.



This preview shows how white text looks on a background with the XYZ color 41.9322, 40.9862,

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

41.9322, 40.9862, 21.0303

Protanopia

38.0967, 41.1820, 22.1607

Deuteranopia

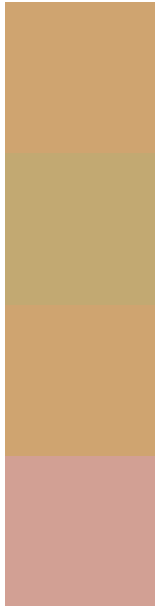
41.9322, 40.9862, 21.0303



Tritanopia

46.3698, 40.9756, 43.0012

Trichromacy



Original Color

41.9322, 40.9862, 21.0303

Protanomaly

39.4734, 41.0602, 21.7645

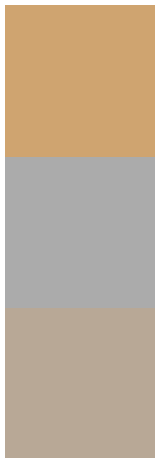
Deuteranomaly

41.9322, 40.9862, 21.0303

Tritanomaly

44.4944, 40.9814, 33.5821

Monochromacy



Original Color

41.9322, 40.9862, 21.0303

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2748, 40.3976, 34.5817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9322, 40.9862, 21.0303 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(207, 164, 112)` looks like.

```
.text, #text, p{  
    color:rgb(207, 164, 112)  
}
```

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(207, 164, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 164, 112) }
```

Border

The CSS property to change the border of an element to XYZ 41.9322, 40.9862, 21.0303 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(207, 164, 112) }
```


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

```
.border{ border-color:rgb(207, 164, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 164, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 164, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 164, 112);  
box-shadow:4px 4px 4px 4px rgb(207, 164,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9322, 40.9862, 21.0303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 164, 112) }
```

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

```
.background{ background-color: rgb(207,  
164, 112) }
```

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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