

Converting Colors

XYZ(43.6262, 42.6684, 33.5402)

Have a look what the booklet for
XYZ(43.6262, 42.6684, 33.5402)
contains.

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Color

**XYZ(43.6262, 42.6684,
33.5402)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA893
RGB	202, 168, 147
RGB Percent	79%, 66%, 58%
CMY	0.2078, 0.3412, 0.4235
CMYK	0.00, 0.17, 0.27, 0.21
HSL	23°, 34%, 68%
HSV	23°, 27%, 79%
XYZ	43.6262, 42.6684, 33.5402
YIQ	175.7720, 27.0050, 0.6770

Conversions

Conversions Part 2

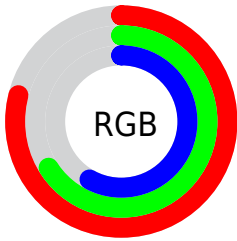
Format	Color
R_{YB}	202, 181, 147
Decimal	13281427
CIE Lab	71.33, 9.27, 15.50
CIE LCh	71, 18.058, 59.107
Yxy	42.6684, 0.3641, 0.3561
Android (android.graphics.Color)	4291471507 (0xFFCAA893)
YUV	175.7720, -14.1846, 23.0020
Hunter-Lab	65.3211, 4.9036, 15.2813

Details

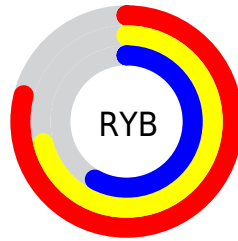
The XYZ color **43.6262, 42.6684, 33.5402** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2167, 43.5137, 62.2093**, and the grayscale version is **41.2107, 43.3568, 47.2156**.

A 20% lighter version of the original color is **78.1703, 78.2524, 66.2425**, and **20.3893, 19.5384, 13.7630** is the 20% darker color. If you saturate the color by 10%, you get **39.9830, 37.6997, 25.1803**, and if you desaturate by 10%, it is **47.7714, 48.1951, 43.4416**.

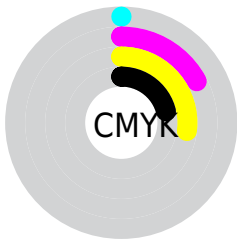
Distribution



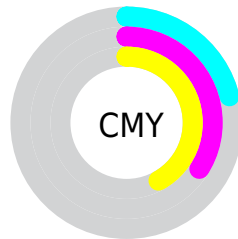
- Red (79%)
- Green (66%)
- Blue (58%)



- Red (79%)
- Yellow (71%)
- Blue (58%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (21%)





- Cyan (21%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6262, 42.6684, 33.5402 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 43.6262, 42.6684, 33.5402 by changing the saturation by 10% instead.


 43.6262, 42.6684,
33.5402


 43.6262, 42.6684,
33.5402


352.0587,
357.2463, 332.7833

 30.5734, 29.6250,
22.2661


 79.9048, 79.2102,
66.3437

 20.4244, 19.5541,
13.8524


 103.8613,
103.4775, 88.7102

 12.8140, 12.0714,
7.8805


132.1831,
132.2548, 115.6112

 7.3767, 6.7923,
3.9319

165.2355,
165.9266, 147.4653

 3.7472, 3.3325,
1.5881

203.3840,
204.8772, 184.6910

 1.5601, 1.3077,
0.2823

246.9937,

 0.3662, 0.1472,

249.4911, 227.7069

0.0000

296.4302,
300.1527, 276.9315

■ 0.0000, 0.0000,
0.0000

■ 43.6262, 42.6684,
33.5402

■ 43.6262, 42.6684,
33.5402

■ 39.9830, 37.6997,
25.1803

■ 47.7714, 48.1951,
43.4416

■ 36.8176, 33.2648,
18.2804

■ 52.4347, 54.2912,
54.9549

■ 34.1088, 29.3464,
12.7558

■ 57.6354, 60.9752,
68.1494

■ 31.8323, 25.9238,
8.5115

■ 63.3912, 68.2629,
83.0893

■ 29.9608, 22.9748,
5.4404

■ 69.7184, 76.1694,
99.8357

■ 28.4637, 20.4749,
3.4175

■ 74.4337, 83.8296,
106.8654

■ 27.3010, 18.3952,
2.2725

■ 78.1672, 91.2966,
108.1099

■ 27.0211, 17.8844,
2.0279

Harmonies

Analogous

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



45.8713, 42.6684, 38.7927



43.6262, 42.6684, 33.5402



40.6461, 42.6684, 31.6692

Triad

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



43.6262, 42.6684, 33.5402



34.9946, 42.6684, 46.1985



43.4609, 42.6684, 62.6471

Complementary

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



43.6262, 42.6684, 33.5402



39.2167, 43.5137, 62.2093

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.



40.4641, 42.6684, 65.2565



43.6262, 42.6684, 33.5402



35.6663, 42.6684, 55.0733

Square

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



43.6262, 42.6684, 33.5402



35.7499, 42.6684, 38.3938



37.6315, 42.6684, 62.3295



45.7726, 42.6684, 55.5804

Rectangle

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



43.6262, 42.6684, 33.5402



38.6744, 42.6684, 32.3862



37.6315, 42.6684, 62.3295



42.4957, 42.6684, 64.1109

Sweetspot

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



43.6273, 42.6704, 33.5411



88.0462, 90.9721, 91.2135



43.2175, 36.7950, 48.9904



18.5780, 19.1241, 18.8565



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.



43.6273, 42.6704, 33.5411



69.9291, 66.9000, 47.6805



49.0643, 53.5444, 35.3534



11.5576, 11.9042, 11.7680



17.4676, 11.6682, 1.3315



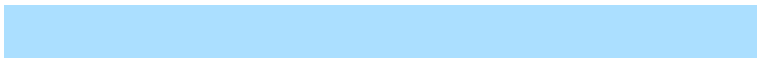
0.9739, 0.7475, 0.0930

Inverse Universe

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



39.2167, 43.5137, 62.2093



61.1632, 68.5636, 104.6182



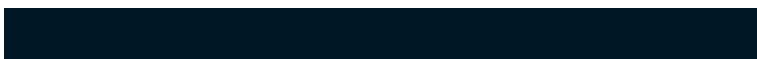
34.3044, 33.6892, 60.5719



11.1694, 11.9793, 14.2939



11.6558, 12.3356, 37.7230



0.6732, 0.7802, 1.9700

Previews

White Background



This preview shows how the XYZ color 43.6262, 42.6684, 33.5402 looks on a white background.

Color Contrast Check

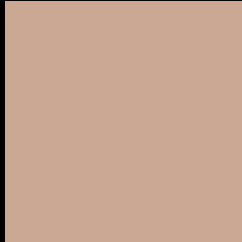
Large Text (above 18pt) WCAG AA × Fail

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 43.6262, 42.6684, 33.5402 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 43.6262, 42.6684, 33.5402

Background



This preview shows how black text looks on a background with the XYZ color 43.6262, 42.6684, 33.5402.



This preview shows how white text looks on a background with the XYZ color 43.6262, 42.6684,

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

43.6262, 42.6684, 33.5402

Protanopia

40.4082, 42.6645, 34.9595

Deuteranopia

43.6262, 42.6684, 33.5402



Tritanopia

46.2888, 42.6646, 46.8697

Trichromacy



Original Color

43.6262, 42.6684, 33.5402

Protanomaly

41.6632, 42.7513, 34.4897

Deuteranomaly

43.6262, 42.6684, 33.5402

Tritanomaly

45.1485, 42.4642, 41.4141

Monochromacy



Original Color

43.6262, 42.6684, 33.5402

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.7427, 42.9180, 41.6812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6262, 42.6684, 33.5402 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(202, 168, 147)` looks like.

```
.text, #text, p{  
    color:rgb(202, 168, 147)  
}
```

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(202, 168, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 168, 147) }
```

Border

The CSS property to change the border of an element to XYZ 43.6262, 42.6684, 33.5402 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(202, 168, 147) }
```


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

```
.border{ border-color:rgb(202, 168, 147) }
```

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

Here you see how a box with a 4 pixel rgb(202, 168, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 168, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 168, 147);  
box-shadow:4px 4px 4px 4px rgb(202, 168,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6262, 42.6684, 33.5402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 168, 147) }
```

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

```
.background{ background-color: rgb(202,  
168, 147) }
```

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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