

Converting Colors

XYZ(44.6727, 44.2556, 36.7595)

Have a look what the booklet for
XYZ(44.6727, 44.2556, 36.7595)
contains.

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Color

**XYZ(44.6727, 44.2556,
36.7595)**

Conversions

Conversions Part 1

Format	Color
Hex	C9AC9A
RGB	201, 172, 154
RGB Percent	79%, 67%, 60%
CMY	0.2118, 0.3255, 0.3961
CMYK	0.00, 0.14, 0.23, 0.21
HSL	23°, 30%, 70%
HSV	23°, 23%, 79%
XYZ	44.6727, 44.2556, 36.7595
YIQ	178.6190, 23.0620, 0.5500

Conversions

Conversions Part 2

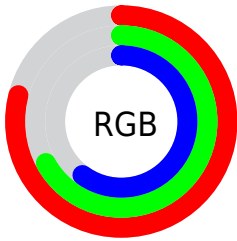
Format	Color
R _Y B	201, 183, 154
Decimal	13216922
CIE Lab	72.40, 7.72, 13.15
CIE LCh	72, 15.249, 59.582
Yxy	44.2556, 0.3554, 0.3521
Android (android.graphics.Color)	4291407002 (0xFFC9AC9A)
YUV	178.6190, -12.1372, 19.6281
Hunter-Lab	66.5249, 3.4475, 13.8057

Details

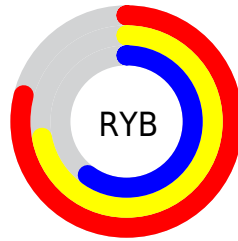
The XYZ color **44.6727, 44.2556, 36.7595** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.8023, 44.9531, 61.7851**, and the grayscale version is **42.6999, 44.9236, 48.9218**.

A 20% lighter version of the original color is **80.0943, 80.7522, 71.0398**, and **21.0187, 20.5232, 15.6855** is the 20% darker color. If you saturate the color by 10%, you get **40.8861, 39.1407, 27.9181**, and if you desaturate by 10%, it is **48.9623, 49.9272, 47.1526**.

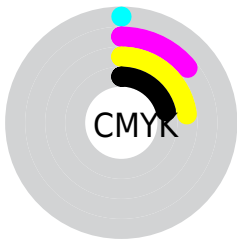
Distribution



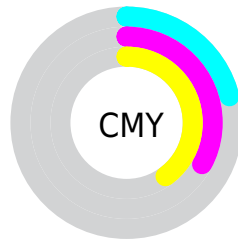
- Red (79%)
- Green (67%)
- Blue (60%)



- Red (79%)
- Yellow (72%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (21%)




- Cyan (21%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.6727, 44.2556, 36.7595 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 44.6727, 44.2556, 36.7595 by changing the saturation by 10% instead.


 44.6727, 44.2556,
36.7595


 44.6727, 44.2556,
36.7595


356.2524,
363.7503, 347.4054

 31.3999, 30.8715,
24.7270


 81.4691, 81.6022,
71.3849

 21.0569, 20.5010,
15.6566


 105.7235,
106.3335, 94.8149

 13.2783, 12.7598,
9.1298


134.3690,
135.6160, 122.8812

 7.6988, 7.2633,
4.7280

167.7711,
169.8341, 156.0023

 3.9530, 3.6273,
2.0326

206.2952,
209.3722, 194.5967

 1.6756, 1.4674,
0.5752

250.3065,

 0.4409, 0.2656,

254.6147, 239.0830

0.0000

300.1704,
305.9459, 289.8797

■ 0.0000, 0.0000,
0.0000

■ 44.6727, 44.2556,
36.7595

■ 44.6727, 44.2556,
36.7595

■ 40.8861, 39.1407,
27.9181

■ 48.9623, 49.9272,
47.1526

■ 37.5790, 34.5588,
20.5502

■ 53.7701, 56.1662,
59.1648

■ 34.7311, 30.4934,
14.5748

■ 59.1149, 62.9905,
72.8631

■ 32.3193, 26.9247,
9.9019

■ 65.0137, 70.4154,
88.3097

■ 30.3179, 23.8315,
6.4309

■ 71.4825, 78.4557,
105.5636

■ 28.6982, 21.1906,
4.0461

■ 75.2177, 85.7979,
107.2040

■ 27.4265, 18.9761,
2.6082

■ 77.8976, 91.1576,
108.0973

■ 26.7411, 17.7246,
2.0118

Harmonies

Analogous

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



46.6101, 44.2556, 41.3936



44.6727, 44.2556, 36.7595



42.1005, 44.2556, 35.1226

Triad

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



44.6727, 44.2556, 36.7595



37.2130, 44.2556, 48.0814



44.6063, 44.2556, 61.8910

Complementary

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



44.6727, 44.2556, 36.7595



40.8023, 44.9531, 61.7851

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.



42.0268, 44.2556, 64.1450



44.6727, 44.2556, 36.7595



37.8228, 44.2556, 55.6854

Square

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



44.6727, 44.2556, 36.7595



37.8572, 44.2556, 41.2287



39.5582, 44.2556, 61.7664



46.5707, 44.2556, 55.8869

Rectangle

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



44.6727, 44.2556, 36.7595



40.3936, 44.2556, 35.8042



39.5582, 44.2556, 61.7664



43.7790, 44.2556, 63.1385

Sweetspot

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



44.6739, 44.2576, 36.7604



88.8949, 92.0771, 93.3231



44.2708, 38.9802, 50.4104



18.9182, 19.5671, 19.7020



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.



44.6739, 44.2576, 36.7604



73.1318, 71.2677, 55.0295



49.3760, 53.6620, 38.3278



10.9614, 11.2919, 11.1646



16.8960, 11.3092, 1.2924



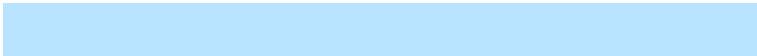
0.8698, 0.6751, 0.0845

Inverse Universe

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



40.8023, 44.9531, 61.7851



65.3686, 72.6553, 105.1863



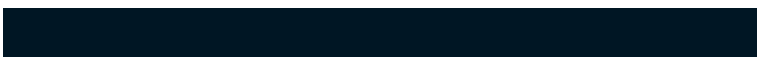
36.4867, 36.3218, 60.3466



10.5923, 11.3587, 13.5517



11.2520, 11.8979, 36.4478



0.6013, 0.7003, 1.7486

Previews

White Background



This preview shows how the XYZ color 44.6727, 44.2556, 36.7595 looks on a white background.

Color Contrast Check

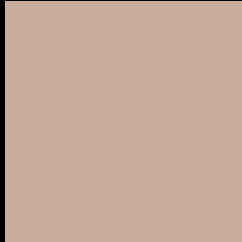
Large Text (above 18pt) WCAG AA × Fail

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 44.6727, 44.2556, 36.7595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

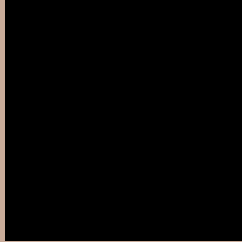
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.6727, 44.2556, 36.7595

Background



This preview shows how black text looks on a background with the XYZ color 44.6727, 44.2556, 36.7595.



This preview shows how white text looks on a background with the XYZ color 44.6727, 44.2556,

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

44.6727, 44.2556, 36.7595

Protanopia

42.0576, 44.3177, 38.2358

Deuteranopia

45.0242, 44.1554, 36.7217



Tritanopia

47.2450, 44.1788, 49.7533

Trichromacy



Original Color

44.6727, 44.2556, 36.7595

Protanomaly

42.8166, 44.1366, 37.7150

Deuteranomaly

44.7528, 44.0155, 36.7090

Tritanomaly

46.1673, 44.0127, 44.5901

Monochromacy



Original Color

44.6727, 44.2556, 36.7595

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.2745, 44.5177, 44.3422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6727, 44.2556, 36.7595 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(201, 172, 154)` looks like.

```
.text, #text, p{  
    color:rgb(201, 172, 154)  
}
```

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(201, 172, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 172, 154) }
```

Border

The CSS property to change the border of an element to XYZ 44.6727, 44.2556, 36.7595 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(201, 172, 154) }
```


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

```
.border{ border-color:rgb(201, 172, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 172, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 172, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 172, 154);  
box-shadow:4px 4px 4px 4px rgb(201, 172,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6727, 44.2556, 36.7595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 172, 154) }
```

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

```
.background{ background-color: rgb(201,  
172, 154) }
```

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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