

Converting Colors

XYZ(47.2896, 47.1686, 35.6225)

Have a look what the booklet for
XYZ(47.2896, 47.1686, 35.6225)
contains.

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Color

**XYZ(47.2396, 47.0562,
35.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B196
RGB	208, 177, 150
RGB Percent	82%, 69%, 59%
CMY	0.1843, 0.3059, 0.4118
CMYK	0.00, 0.15, 0.28, 0.18
HSL	28°, 38%, 70%
HSV	28°, 28%, 82%
XYZ	47.2396, 47.0562, 35.4471
YIQ	183.1910, 27.1430, -1.8250

Conversions

Conversions Part 2

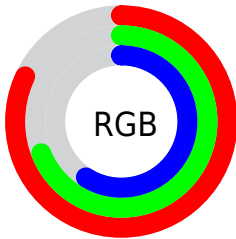
Format	Color
R_{YB}	208, 201, 150
Decimal	13676950
CIE _{Lab}	74.23, 7.15, 17.98
CIE _{LCh}	74, 19.348, 68.298
Yxy	47.0562, 0.3641, 0.3627
Android (android.graphics.Color)	4291867030 (0xFFD0B196)
YUV	183.1910, -16.3632, 21.7575
Hunter-Lab	68.5975, 2.8781, 17.3807

Details

The XYZ color **47.2396, 47.0562, 35.4471** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4863, 44.0846, 66.0500**, and the grayscale version is **45.1922, 47.5457, 51.7772**.

A 20% lighter version of the original color is **81.2780, 83.8975, 69.0368**, and **22.5967, 22.0885, 14.8769** is the 20% darker color. If you saturate the color by 10%, you get **43.6045, 42.2326, 26.6926**, and if you desaturate by 10%, it is **51.3534, 52.3608, 45.8290**.

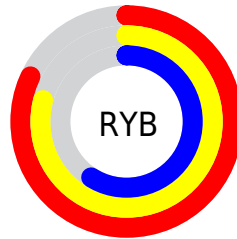
Distribution



Red (82%)

Green (69%)

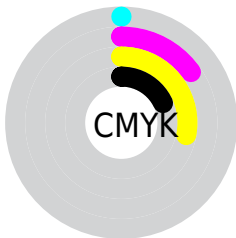
Blue (59%)



Red (82%)

Yellow (79%)

Blue (59%)

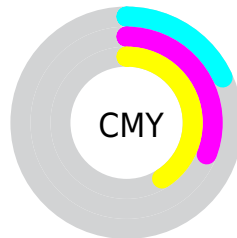


Cyan (0%)

Magenta (15%)

Yellow (28%)

Black (18%)



Cyan (18%)


Magenta (31%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2396, 47.0562, 35.4471 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 47.2396, 47.0562, 35.4471 by changing the saturation by 10% instead.


 47.2396, 47.0562,
35.4471


 47.2396, 47.0562,
35.4471


366.4031,
375.0388, 341.5015

 33.4338, 33.0801,
23.7212


 85.2877, 85.7975,
69.3372

 22.6198, 22.1878,
14.9166

 110.2608,
111.3315, 92.3385

 14.4322, 13.9950,
8.6149


139.6871,
141.4869, 119.9353

 8.5056, 8.1172,
4.3975

173.9318,
176.6481, 152.5462

 4.4746, 4.1700,
1.8459

213.3604,
217.1995, 190.5898

 1.9740, 1.7691,
0.4579

258.3383,

 0.6193, 0.4678,

263.5255, 234.4845

0.0000

309.2307,
316.0104, 284.6488

■ 0.0000, 0.0000,
0.0000

■ 47.2396, 47.0562,
35.4471

■ 47.2396, 47.0562,
35.4471

■ 43.6045, 42.2326,
26.6926

■ 51.3534, 52.3608,
45.8290

■ 40.4245, 37.8687,
19.4784

■ 55.9608, 58.1539,
57.9134

■ 37.6791, 33.9511,
13.7135

■ 61.0806, 64.4511,
71.7743

■ 35.3447, 30.4629,
9.2960

■ 66.7295, 71.2651,
87.4804

■ 33.3950, 27.3859,
6.1108

■ 72.9234, 78.6082,
105.0967

■ 31.7997, 24.7001,
4.0227

■ 76.3228, 85.1506,
107.0208

■ 30.5170, 22.3803,
2.8378

■ 79.7636, 92.0321,
108.1677

■ 30.2727, 21.9304,
2.6374

■ 79.8225, 92.1499,
108.1874

Harmonies

Analogous

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



50.1715, 47.0562, 40.2777



47.2396, 47.0562, 35.4471



43.7690, 47.0562, 34.5513

Triad

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



47.2396, 47.0562, 35.4471



38.4399, 47.0562, 54.0452



48.9915, 47.0562, 67.7519

Complementary

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



47.2396, 47.0562, 35.4471



40.4863, 44.0846, 66.0500

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.



45.6959, 47.0562, 72.5776



47.2396, 47.0562, 35.4471



39.6886, 47.0562, 64.0213

Square

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



47.2396, 47.0562, 35.4471



38.8056, 47.0562, 44.4870



42.3022, 47.0562, 71.1307



51.2188, 47.0562, 58.6356

Rectangle

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



47.2396, 47.0562, 35.4471



41.6350, 47.0562, 36.1793



42.3022, 47.0562, 71.1307



47.9652, 47.0562, 69.9800

Sweetspot

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



47.2408, 47.0584, 35.4481



88.5579, 91.9955, 91.3840



45.3523, 38.5964, 49.2618



18.7065, 19.3812, 18.8993



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.



47.2408, 47.0584, 35.4481



71.6303, 70.3024, 48.2475



53.3730, 59.3227, 37.4921



12.2559, 12.7026, 12.4179



18.9624, 13.8578, 1.6754



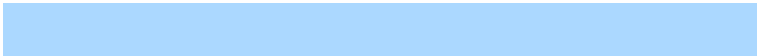
1.1393, 0.9329, 0.1200

Inverse Universe

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



40.4863, 44.0846, 66.0500



59.3218, 64.8808, 104.0044



35.3382, 33.7884, 64.3340



11.6793, 12.4489, 15.0310



10.7470, 10.1407, 38.5834



0.6799, 0.7251, 2.1837

Previews

White Background



This preview shows how the XYZ color 47.2396, 47.0562, 35.4471 looks on a white background.

Color Contrast Check

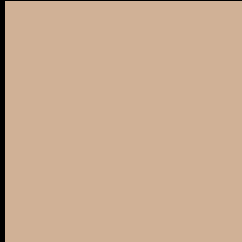
Large Text (above 18pt) WCAG AA × Fail

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 47.2396, 47.0562, 35.4471 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 47.2396, 47.0562, 35.4471

Background



This preview shows how black text looks on a background with the XYZ color 47.2396, 47.0562, 35.4471.



This preview shows how white text looks on a background with the XYZ color 47.2396, 47.0562,

35.4471.

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

47.2396, 47.0562, 35.4471

Protanopia

44.4700, 47.0933, 36.8831

Deuteranopia

48.1817, 47.2497, 35.4348



Tritanopia

50.6609, 47.0049, 52.3017

Trichromacy



Original Color

47.2396, 47.0562, 35.4471

Protanomaly

45.2775, 46.9153, 36.3749

Deuteranomaly

47.8943, 47.1016, 35.4214

Tritanomaly

49.4464, 47.0995, 45.5147

Monochromacy



Original Color

47.2396, 47.0562, 35.4471

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.6128, 47.1945, 45.2335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2396, 47.0562, 35.4471 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(208, 177, 150)` looks like.

```
.text, #text, p{  
    color:rgb(208, 177, 150)  
}
```

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(208, 177, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 177, 150) }
```

Border

The CSS property to change the border of an element to XYZ 47.2396, 47.0562, 35.4471 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(208, 177, 150) }
```


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

```
.border{ border-color:rgb(208, 177, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 177, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 177, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 177, 150);  
box-shadow:4px 4px 4px 4px rgb(208, 177,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2396, 47.0562, 35.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 177, 150) }
```

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

```
.background{ background-color: rgb(208,  
177, 150) }
```

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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