

Converting Colors

XYZ(56.6411, 56.6481, 46.9798)

Have a look what the booklet for
XYZ(56.6411, 56.6481, 46.9798)
contains.

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Color

**XYZ(56.6406, 56.6481,
46.9786)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC1AC
RGB	222, 193, 172
RGB Percent	87%, 76%, 67%
CMY	0.1294, 0.2431, 0.3255
CMYK	0.00, 0.13, 0.23, 0.13
HSL	25°, 43%, 77%
HSV	25°, 23%, 87%
XYZ	56.6406, 56.6481, 46.9786
YIQ	199.2770, 24.0250, -0.3830

Conversions

Conversions Part 2

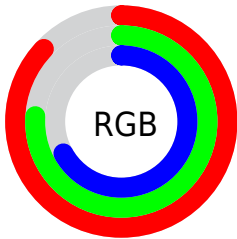
Format	Color
R _Y B	222, 208, 172
Decimal	14598572
CIE Lab	79.98, 7.05, 14.36
CIE LCh	80, 15.993, 63.859
Yxy	56.6481, 0.3534, 0.3535
Android (android.graphics.Color)	4292788652 (0xFFDEC1AC)
YUV	199.2770, -13.4476, 19.9281
Hunter-Lab	75.2649, 2.6165, 15.6780

Details

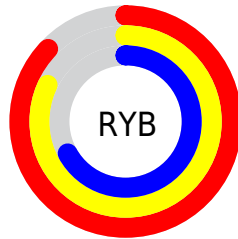
The XYZ color **56.6406, 56.6481, 46.9786** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **51.0843, 55.8165, 77.1889**, and the grayscale version is **54.5264, 57.3661, 62.4716**.

A 20% lighter version of the original color is **88.9808, 94.5574, 86.2347**, and **28.4941, 28.2192, 21.7144** is the 20% darker color. If you saturate the color by 10%, you get **51.9612, 50.4209, 35.7639**, and if you desaturate by 10%, it is **61.9270, 63.5185, 60.1541**.

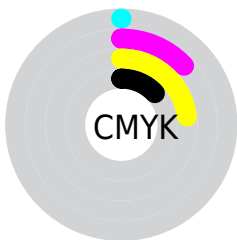
Distribution



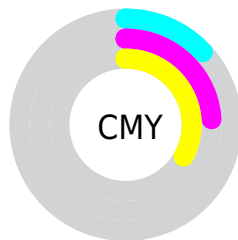
- Red (87%)
- Green (76%)
- Blue (67%)



- Red (87%)
- Yellow (82%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6406, 56.6481, 46.9786 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 56.6406, 56.6481, 46.9786 by changing the saturation by 10% instead.


 56.6406, 56.6481,
46.9786

 56.6406, 56.6481,
46.9786


402.1372,
412.1294, 391.1204

 40.9558, 40.7228,
32.6645


 99.0750, 99.9515,
87.0313

 28.4720, 28.1025,
21.6006


126.5552,
128.0984, 113.6070

 18.8241, 18.4030,
13.3682


158.6980,
161.0880, 145.1071

 11.6465, 11.2397,
7.5489

195.8687,
199.3046, 181.9499

 6.5739, 6.2283,
3.7241

238.4326,
243.1327, 224.5541

 3.2410, 2.9844,
1.4752

286.7551,

 1.2825, 1.1236,

292.9565, 273.3382

0.1994

341.2015,
349.1606, 328.7208

■ 0.1700, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6406, 56.6481,
46.9786

■ 56.6406, 56.6481,
46.9786

■ 51.9612, 50.4209,
35.7639

■ 61.9270, 63.5185,
60.1541

■ 47.8604, 44.8095,
26.4114

■ 67.8384, 71.0430,
75.3755

■ 44.3138, 39.7958,
18.8188

■ 74.3975, 79.2421,
92.7272

■ 41.2936, 35.3576,
12.8727

■ 80.6763, 87.7535,
107.2938

■ 38.7690, 31.4712,
8.4462

■ 83.9344, 94.2697,
108.3798

■ 36.7052, 28.1106,
5.3935

■ 35.0615, 25.2469,
3.5393

■ 34.0616, 23.4041,
2.7222

Harmonies

Analogous

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



59.1960, 56.6481, 52.2433



56.6406, 56.6481, 46.9786



53.4232, 56.6481, 45.5025

Triad

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



56.6406, 56.6481, 46.9786



47.8493, 56.6481, 62.8916



57.3968, 56.6481, 77.7544

Complementary

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



56.6406, 56.6481, 46.9786



51.0843, 55.8165, 77.1889

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.



54.2637, 56.6481, 81.2988



56.6406, 56.6481, 46.9786



48.8216, 56.6481, 72.1900

Square

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



56.6406, 56.6481, 46.9786



48.4290, 56.6481, 54.1318



51.1378, 56.6481, 79.1674



59.6447, 56.6481, 69.8995

Rectangle

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



56.6406, 56.6481, 46.9786



51.3559, 56.6481, 46.7280



51.1378, 56.6481, 79.1674



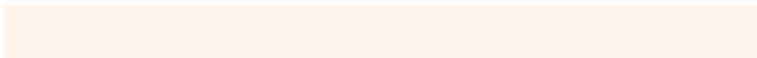
56.4078, 56.6481, 79.5235

Sweetspot

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



56.6421, 56.6507, 46.9798



89.0942, 92.4756, 93.3895



55.4396, 49.2602, 61.9480



18.9643, 19.6593, 19.7173



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.



56.6421, 56.6507, 46.9798



74.4379, 73.4496, 56.7919



62.5993, 68.5651, 48.9655



14.1780, 14.6421, 14.3857



20.3363, 14.1104, 1.6517



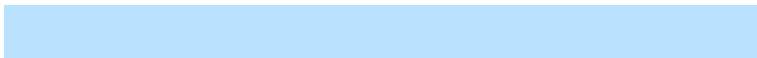
1.4967, 1.1522, 0.1435

Inverse Universe

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



51.0843, 55.8165, 77.1889



65.5535, 72.1125, 105.0718



45.7568, 45.1614, 75.4131



13.6089, 14.5570, 17.4802



12.5864, 12.6424, 42.8252



0.9604, 1.0522, 2.9977

Previews

White Background



This preview shows how the XYZ color 56.6406, 56.6481, 46.9786 looks on a white background.

Color Contrast Check

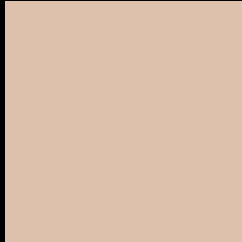
Large Text (above 18pt) WCAG AA × Fail

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 56.6406, 56.6481, 46.9786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

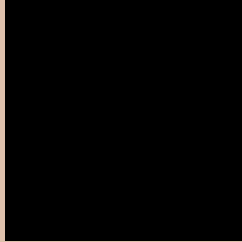
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6406, 56.6481, 46.9786

Background



This preview shows how black text looks on a background with the XYZ color 56.6406, 56.6481, 46.9786.



This preview shows how white text looks on a background with the XYZ color 56.6406, 56.6481,

46.9786.

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

56.6406, 56.6481, 46.9786

Protanopia

53.8465, 56.8541, 48.1803

Deuteranopia

57.7557, 56.5711, 46.9050



Tritanopia

60.1267, 56.4470, 64.2262

Trichromacy



Original Color

56.6406, 56.6481, 46.9786

Protanomaly

54.7233, 56.6431, 47.5841

Deuteranomaly

57.3474, 56.6854, 46.9486

Tritanomaly

58.9792, 56.6402, 57.6933

Monochromacy



Original Color

56.6406, 56.6481, 46.9786

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.8837, 56.8720, 56.2288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6406, 56.6481, 46.9786 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(222, 193, 172)` looks like.

```
.text, #text, p{  
    color:rgb(222, 193, 172)  
}
```

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(222, 193, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 193, 172) }
```

Border

The CSS property to change the border of an element to XYZ 56.6406, 56.6481, 46.9786 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(222, 193, 172) }
```


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

```
.border{ border-color:rgb(222, 193, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 193, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 193, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 193, 172); box-shadow:4px 4px 4px 4px rgb(222, 193, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6406, 56.6481, 46.9786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 193, 172) }
```

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

```
.background{ background-color: rgb(222,  
193, 172) }
```

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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