

Converting Colors

XYZ(47.5500, 47.7895, 47.2921)

Have a look what the booklet for
XYZ(47.5500, 47.7895, 47.2921)
contains.

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Color

**XYZ(47.6123, 47.8798,
47.2897)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B4AF
RGB	199, 180, 175
RGB Percent	78%, 71%, 69%
CMY	0.2196, 0.2941, 0.3137
CMYK	0.00, 0.10, 0.12, 0.22
HSL	13°, 18%, 73%
HSV	13°, 12%, 78%
XYZ	47.6123, 47.8798, 47.2897
YIQ	185.1110, 12.9290, 2.4730

Conversions

Conversions Part 2

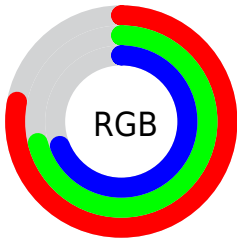
Format	Color
R_{YB}	199, 181, 175
Decimal	13087919
CIE Lab	74.75, 5.94, 5.00
CIE LCh	75, 7.765, 40.121
Yxy	47.8798, 0.3335, 0.3353
Android (android.graphics.Color)	4291277999 (0xFFC7B4AF)
YUV	185.1110, -4.9847, 12.1807
Hunter-Lab	69.1952, 1.7318, 7.9164

Details

The XYZ color **47.6123, 47.8798, 47.2897** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2795, 51.8199, 61.5436**, and the grayscale version is **46.1988, 48.6047, 52.9305**.

A 20% lighter version of the original color is **85.5184, 86.9641, 87.1414**, and **22.8416, 22.6285, 21.9028** is the 20% darker color. If you saturate the color by 10%, you get **42.7992, 41.1541, 36.7427**, and if you desaturate by 10%, it is **53.0775, 55.4478, 59.4763**.

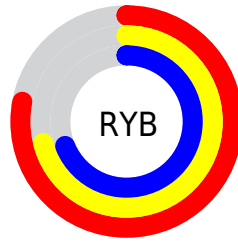
Distribution



Red (78%)

Green (71%)

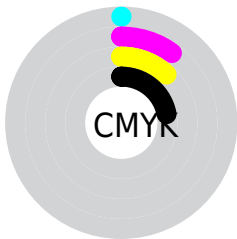
Blue (69%)



Red (78%)

Yellow (71%)

Blue (69%)

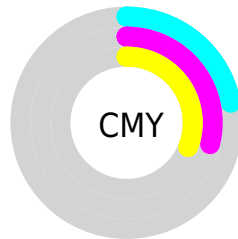


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (22%)



Cyan (22%)


Magenta (29%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6123, 47.8798, 47.2897 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 47.6123, 47.8798, 47.2897 by changing the saturation by 10% instead.


 47.6123, 47.8798,
47.2897

 47.6123, 47.8798,
47.2897


367.8615,
378.3155, 392.3969

 33.7299, 33.7317,
32.9087

 85.8401, 87.0254,
87.5004

 22.8481, 22.6876,
21.7860

110.9162,
112.7917, 114.1672

 14.6015, 14.3630,
13.5029


140.4543,
143.1996, 145.7664

 8.6247, 8.3736,
7.6410

174.8197,
178.6333, 182.7165

 4.5523, 4.3349,
3.7816

214.3777,
219.4774, 225.4361

 2.0191, 1.8626,
1.5063

259.4938,

 0.6447, 0.5257,

266.1162, 274.3436

0.2226

310.5333,
318.9341, 329.8577

0.0000, 0.0000,
0.0000

47.6123, 47.8798,
47.2897

47.6123, 47.8798,
47.2897

42.7992, 41.1541,
36.7427

53.0775, 55.4478,
59.4763

38.6097, 35.2350,
27.7621

59.2141, 63.8792,
73.3653

35.0188, 30.0941,
20.2737

66.0454, 73.2026,
89.0199

31.9986, 25.6985,
14.1961

73.5926, 83.4433,
106.4992

29.5185, 22.0130,
9.4400

77.3634, 90.8822,
108.0723

■ 27.5453, 18.9996,
5.9059

■ 26.0417, 16.6165,
3.4800

■ 24.9644, 14.8170,
2.0266

■ 24.3634, 13.7622,
1.3723

Harmonies

Analogous

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



48.2287, 47.8798, 50.7810



47.6123, 47.8798, 47.2897



46.4361, 47.8798, 45.1693

Triad

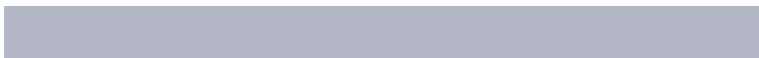
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.6123, 47.8798, 47.2897



43.0070, 47.8798, 49.5380



45.9862, 47.8798, 60.1530

Complementary

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



47.6123, 47.8798, 47.2897



47.2795, 51.8199, 61.5436

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.



44.5930, 47.8798, 59.7779



47.6123, 47.8798, 47.2897



42.8922, 47.8798, 53.5088

Square

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



47.6123, 47.8798, 47.2897



43.7842, 47.8798, 46.4202



43.4672, 47.8798, 57.2961



47.2771, 47.8798, 58.2962

Rectangle

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



47.6123, 47.8798, 47.2897



45.5026, 47.8798, 44.7503



43.4672, 47.8798, 57.2961



45.5140, 47.8798, 60.2860

Sweetspot

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



47.6136, 47.8819, 47.2907



90.9292, 94.3170, 99.6387



48.6438, 46.7067, 57.6088



19.3013, 19.9649, 20.9657



0.0000, 0.0000, 0.0000



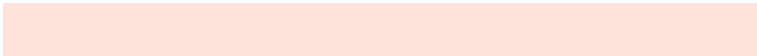
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.6136, 47.8819, 47.2907



81.4646, 81.1881, 78.6023



50.0973, 52.8493, 48.1186



10.8101, 10.9893, 11.1142



15.7180, 8.9532, 0.8997



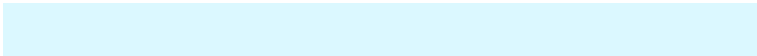
0.7979, 0.5313, 0.0605

Inverse Universe

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



47.2795, 51.8199, 61.5436



80.7851, 89.1893, 107.5652



44.7575, 46.7760, 60.7030



10.7517, 11.6775, 13.6048



14.5020, 18.3980, 37.5312



0.7352, 0.9683, 1.7933

Previews

White Background



This preview shows how the XYZ color 47.6123, 47.8798, 47.2897 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 47.6123, 47.8798, 47.2897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

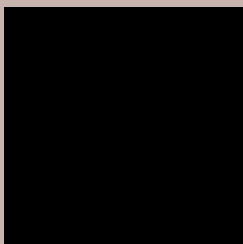
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

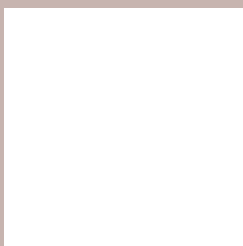
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.6123, 47.8798, 47.2897

Background



This preview shows how black text looks on a background with the XYZ color 47.6123, 47.8798, 47.2897.



This preview shows how white text looks on a background with the XYZ color 47.6123, 47.8798,

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

47.6123, 47.8798, 47.2897

Protanopia

45.8556, 47.8601, 48.4161

Deuteranopia

48.8351, 47.9151, 47.2321



Tritanopia

49.4118, 48.0199, 55.9547

Trichromacy



Original Color

47.6123, 47.8798, 47.2897

Protanomaly

46.5567, 47.9279, 47.8715

Deuteranomaly

48.4866, 48.0319, 47.2730

Tritanomaly

48.6965, 48.0223, 52.6016

Monochromacy



Original Color

47.6123, 47.8798, 47.2897

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.5092, 48.1503, 50.5587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6123, 47.8798, 47.2897 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(199, 180, 175)` looks like.

```
.text, #text, p{  
    color:rgb(199, 180, 175)  
}
```

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(199, 180, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 180, 175) }
```

Border

The CSS property to change the border of an element to XYZ 47.6123, 47.8798, 47.2897 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(199, 180, 175) }
```


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

```
.border{ border-color:rgb(199, 180, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 180, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 180, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 180, 175);  
box-shadow:4px 4px 4px 4px rgb(199, 180,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6123, 47.8798, 47.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 180, 175) }
```

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

```
.background{ background-color: rgb(199,  
180, 175) }
```

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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