

Converting Colors

XYZ(47.3442, 47.3780, 47.2235)

Have a look what the booklet for
XYZ(47.3442, 47.3780, 47.2235)
contains.

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Color

**XYZ(47.4112, 47.4775,
47.2227)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B3AF
RGB	199, 179, 175
RGB Percent	78%, 70%, 69%
CMY	0.2196, 0.2980, 0.3137
CMYK	0.00, 0.10, 0.12, 0.22
HSL	10°, 18%, 73%
HSV	10°, 12%, 78%
XYZ	47.4112, 47.4775, 47.2227
YIQ	184.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

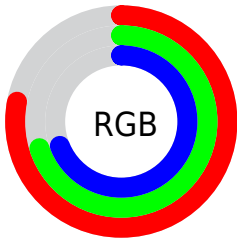
Format	Color
RYB	199, 180, 175
Decimal	13087663
CIELab	74.49, 6.48, 4.64
CIElCh	74, 7.964, 35.595
Yxy	47.4775, 0.3336, 0.3341
Android (android.graphics.Color)	4291277743 (0xFFC7B3AF)
YUV	184.5240, -4.6953, 12.6955
Hunter-Lab	68.9039, 2.2399, 7.5989

Details

The XYZ color **47.4112, 47.4775, 47.2227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5029, 52.2667, 61.6182**, and the grayscale version is **45.8710, 48.2599, 52.5550**.

A 20% lighter version of the original color is **85.2313, 86.3898, 87.0456**, and **22.7131, 22.3715, 21.8599** is the 20% darker color. If you saturate the color by 10%, you get **42.4736, 40.5027, 36.6342**, and if you desaturate by 10%, it is **53.0391, 55.3709, 59.4636**.

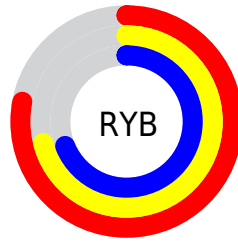
Distribution



Red (78%)

Green (70%)

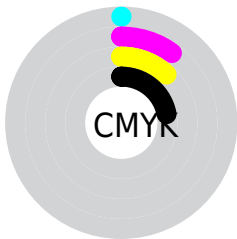
Blue (69%)



Red (78%)

Yellow (71%)

Blue (69%)

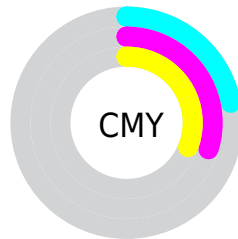


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (22%)



Cyan (22%)


Magenta (30%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4112, 47.4775, 47.2227 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 47.4112, 47.4775, 47.2227 by changing the saturation by 10% instead.


 47.4112, 47.4775,
47.2227

 47.4112, 47.4775,
47.2227


367.0750,
376.7173, 392.1222

 33.5702, 33.4133,
32.8561


 85.5421, 86.4259,
87.3994

 22.7249, 22.4432,
21.7460


110.5627,
112.0790, 114.0466

 14.5101, 14.1830,
13.4739

140.0404,
142.3637, 145.6245

 8.5603, 8.2480,
7.6211

174.3408,
177.6646, 182.5515

 4.5103, 4.2541,
3.7692

213.8291,
218.3660, 225.2463

 1.9947, 1.8167,
1.4996

258.8706,

 0.6310, 0.4975,

264.8523, 274.1273

0.2176

309.8308,
317.5080, 329.6131

■ 0.0000, 0.0000,
0.0000

■ 47.4112, 47.4775,
47.2227

■ 47.4112, 47.4775,
47.2227

■ 42.4736, 40.5027,
36.6342

■ 53.0391, 55.3709,
59.4636

■ 38.1957, 34.4069,
27.6241

■ 59.3786, 64.2082,
73.4202

■ 34.5503, 29.1571,
20.1175

■ 66.4549, 74.0214,
89.1565

■ 31.5071, 24.7155,
14.0322

■ 74.2907, 84.8392,
106.7320

■ 29.0329, 21.0416,
9.2781

■ 77.3634, 90.8822,
108.0723

■ 27.0913, 18.0915,
5.7545

■ 25.6416, 15.8164,
3.3466

■ 24.6367, 14.1614,
1.9174

■ 24.1028, 13.2409,
1.2854

Harmonies

Analogous

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



47.9333, 47.4775, 50.9270



47.4112, 47.4775, 47.2227



46.2777, 47.4775, 44.8157

Triad

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



47.4112, 47.4775, 47.2227



42.6552, 47.4775, 48.4924



45.3960, 47.4775, 59.9808

Complementary

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



47.4112, 47.4775, 47.2227



47.5029, 52.2667, 61.6182

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.



43.9934, 47.4775, 59.2444



47.4112, 47.4775, 47.2227



42.4304, 47.4775, 52.4706

Square

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



47.4112, 47.4775, 47.2227



43.5361, 47.4775, 45.5211



42.9153, 47.4775, 56.4410



46.7540, 47.4775, 58.4032

Rectangle

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



47.4112, 47.4775, 47.2227



45.3386, 47.4775, 44.1967



42.9153, 47.4775, 56.4410



44.9139, 47.4775, 59.9966

Sweetspot

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



47.4125, 47.4796, 47.2237



90.7994, 94.0574, 99.5955



48.7341, 46.7429, 58.0841



19.2686, 19.8995, 20.9548



0.0000, 0.0000, 0.0000



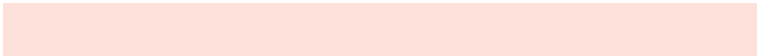
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4125, 47.4796, 47.2237



81.0600, 80.3789, 78.4674



49.9225, 52.4995, 48.0604



10.7745, 10.9181, 11.1023



15.5423, 8.6019, 0.8412



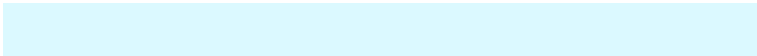
0.7818, 0.4990, 0.0551

Inverse Universe

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



47.5029, 52.2667, 61.6182



81.2432, 90.1056, 107.7179



44.9221, 47.1052, 60.7580



10.7903, 11.7547, 13.6177



15.4295, 20.2529, 37.8403



0.7717, 1.0412, 1.8054

Previews

White Background



This preview shows how the XYZ color 47.4112, 47.4775, 47.2227 looks on a white background.

Color Contrast Check

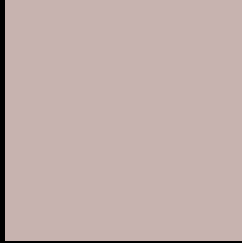
Large Text (above 18pt) WCAG AA × Fail

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 47.4112, 47.4775, 47.2227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

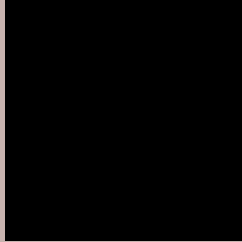
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4112, 47.4775, 47.2227

Background



This preview shows how black text looks on a background with the XYZ color 47.4112, 47.4775, 47.2227.



This preview shows how white text looks on a background with the XYZ color 47.4112, 47.4775,

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

47.4112, 47.4775, 47.2227

Protanopia

45.6083, 47.7327, 48.4045

Deuteranopia

48.3618, 47.3768, 47.1531



Tritanopia

49.1038, 47.5795, 55.3109

Trichromacy



Original Color

47.4112, 47.4775, 47.2227

Protanomaly

46.3026, 47.7970, 47.8596

Deuteranomaly

48.0154, 47.4925, 47.1937

Tritanomaly

48.4968, 47.6229, 52.5350

Monochromacy



Original Color

47.4112, 47.4775, 47.2227

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 47.4112, 47.4775, 47.2227 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, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(199, 179, 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, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 179, 175) }
```

Border

The CSS property to change the border of an element to XYZ 47.4112, 47.4775, 47.2227 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, 179, 175) }
```


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

```
.border{ border-color:rgb(199, 179, 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, 179, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(199, 179,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4112, 47.4775, 47.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 179, 175) }
```

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

```
.background{ background-color: rgb(199,  
179, 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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