

Converting Colors

XYZ(47.1298, 47.0702, 53.3765)

Have a look what the booklet for
XYZ(47.1298, 47.0702, 53.3765)
contains.

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Color

**XYZ(47.3379, 47.2974,
53.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B3BB
RGB	194, 179, 187
RGB Percent	76%, 70%, 73%
CMY	0.2392, 0.2980, 0.2667
CMYK	0.00, 0.08, 0.04, 0.24
HSL	328°, 11%, 73%
HSV	328°, 8%, 76%
XYZ	47.3379, 47.2974, 53.6480
YIQ	184.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

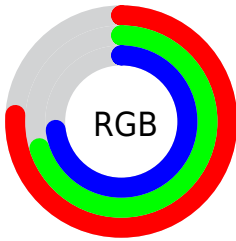
Format	Color
RYB	194, 179, 187
Decimal	12759995
CIELab	74.38, 6.77, -2.14
CIELCh	74, 7.096, 342.462
Yxy	47.2974, 0.3192, 0.3190
Android (android.graphics.Color)	4290950075 (0xFFC2B3BB)
YUV	184.3970, 1.2833, 8.4218
Hunter-Lab	68.7731, 2.5122, 1.8907

Details

The XYZ color **47.3379, 47.2974, 53.6480** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7470, 51.7138, 53.9749**, and the grayscale version is **45.7713, 48.1549, 52.4407**.

A 20% lighter version of the original color is **85.6697, 86.3970, 96.9550**, and **22.5791, 22.2184, 25.6528** is the 20% darker color. If you saturate the color by 10%, you get **42.7812, 39.6864, 47.4963**, and if you desaturate by 10%, it is **52.5055, 56.0311, 60.3061**.

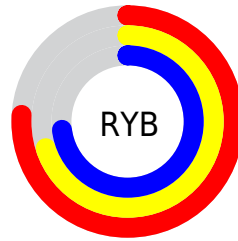
Distribution



Red (76%)

Green (70%)

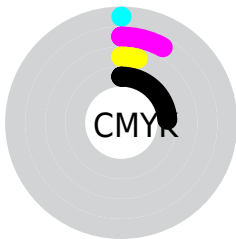
Blue (73%)



Red (76%)

Yellow (70%)

Blue (73%)

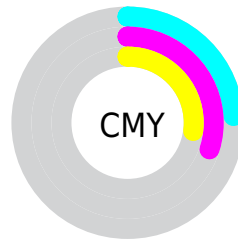


Cyan (0%)

Magenta (8%)

Yellow (4%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3379, 47.2974, 53.6480 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 47.3379, 47.2974, 53.6480 by changing the saturation by 10% instead.

■ 47.3379, 47.2974,
53.6480

■ 47.3379, 47.2974,
53.6480

366.7881,
376.0004, 417.9029

■ 33.5119, 33.2708,
37.9291

■ 85.4335, 86.1574,
97.0084

■ 22.6800, 22.3340,
25.6262

110.4338,
111.7596, 125.4869

■ 14.4768, 14.1025,
16.3210

139.8895,
141.9891, 159.0558

■ 8.5369, 8.1920,
9.5948

174.1661,
177.2303, 198.1334

■ 4.4951, 4.2181,
5.0290

213.6290,
217.8677, 243.1384

■ 1.9858, 1.7963,
2.2053

258.6433,

■ 0.6260, 0.4848,

264.2855, 294.4893

0.6774

309.5746,
316.8683, 352.6046

■ 0.0000, 0.0000,
0.0000

■ 47.3379, 47.2974,
53.6480

■ 47.3379, 47.2974,
53.6480

■ 42.7812, 39.6864,
47.4963

■ 52.5055, 56.0311,
60.3061

■ 38.8075, 33.1459,
41.8344

■ 58.3023, 65.9244,
67.4805

■ 35.3928, 27.6290,
36.6494

■ 64.7511, 77.0203,
75.1844

■ 32.5094, 23.0827,
31.9261

■ 71.3579, 88.3293,
83.2583

■ 30.1278, 19.4494,
27.6486

■ 72.6136, 88.8316,
89.8709

■ 28.2148, 16.6651,
23.7998

■ 73.9357, 89.3604,
96.8328

■ 26.7334, 14.6576,
20.3607

■ 75.3250, 89.9161,
104.1490

■ 25.6401, 13.3423,
17.3102

■ 76.0585, 90.2095,
108.0112

■ 24.8719, 12.5954,
14.6203

Harmonies

Analogous

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



46.6335, 47.2974, 56.8650



47.3379, 47.2974, 53.6480



47.3962, 47.2974, 49.9956

Triad

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



47.3379, 47.2974, 53.6480



44.4268, 47.2974, 44.9305



43.1668, 47.2974, 56.3956

Complementary

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



47.3379, 47.2974, 53.6480



46.7470, 51.7138, 53.9749

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.



42.5986, 47.2974, 53.0318



47.3379, 47.2974, 53.6480



43.3168, 47.2974, 46.4813

Square

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



47.3379, 47.2974, 53.6480



45.6991, 47.2974, 45.0779



42.6530, 47.2974, 49.4078



44.2186, 47.2974, 58.5023

Rectangle

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



47.3379, 47.2974, 53.6480



47.0594, 47.2974, 47.8144



42.6530, 47.2974, 49.4078



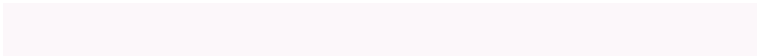
42.9138, 47.2974, 55.3678

Sweetspot

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



47.3393, 47.2995, 53.6490



90.9615, 94.4546, 103.9565



46.1092, 46.5766, 57.5997



19.9403, 20.7195, 22.7919



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.



47.3393, 47.2995, 53.6490



84.5333, 83.6242, 95.5678



46.5573, 46.9867, 49.5313



10.2926, 10.1657, 11.6315



16.2936, 8.2072, 9.4583



0.7386, 0.3684, 0.5907

Inverse Universe

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



47.3393, 47.2995, 53.6490



84.5333, 83.6242, 95.5678



47.5652, 52.0411, 58.2838



10.2926, 10.1657, 11.6315



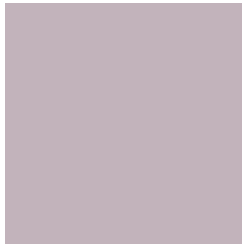
16.2936, 8.2072, 9.4583



0.7386, 0.3684, 0.5907

Previews

White Background



This preview shows how the XYZ color 47.3379, 47.2974, 53.6480 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 47.3379, 47.2974, 53.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

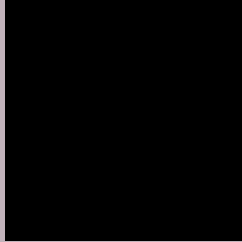
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3379, 47.2974, 53.6480

Background



This preview shows how black text looks on a background with the XYZ color 47.3379, 47.2974, 53.6480.



This preview shows how white text looks on a background with the XYZ color 47.3379, 47.2974,

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

47.3379, 47.2974, 53.6480

Protanopia

45.9208, 47.4443, 54.8815

Deuteranopia

48.2450, 47.1743, 53.5765



Tritanopia

47.9405, 47.2487, 56.4623

Trichromacy



Original Color

47.3379, 47.2974, 53.6480

Protanomaly

46.3400, 47.3700, 54.2779

Deuteranomaly

47.9160, 47.2990, 53.6179

Tritanomaly

47.7203, 47.1606, 55.3030

Monochromacy



Original Color

47.3379, 47.2974, 53.6480

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.2239, 47.6500, 52.6601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3379, 47.2974, 53.6480 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(194, 179, 187)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 187)  
}
```

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(194, 179, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 187) }
```

Border

The CSS property to change the border of an element to XYZ 47.3379, 47.2974, 53.6480 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(194, 179, 187) }
```


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

```
.border{ border-color:rgb(194, 179, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 179, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 179, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 179, 187);  
box-shadow:4px 4px 4px 4px rgb(194, 179,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3379, 47.2974, 53.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 179, 187) }
```

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

```
.background{ background-color: rgb(194,  
179, 187) }
```

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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