

Converting Colors

XYZ(47.7974, 48.2781, 48.4393)

Have a look what the booklet for
XYZ(47.7974, 48.2781, 48.4393)
contains.

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Color

**XYZ(47.7484, 48.2278,
48.3873)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B5B1
RGB	198, 181, 177
RGB Percent	78%, 71%, 69%
CMY	0.2235, 0.2902, 0.3059
CMYK	0.00, 0.09, 0.11, 0.22
HSL	11°, 16%, 74%
HSV	11°, 11%, 78%
XYZ	47.7484, 48.2278, 48.3873
YIQ	185.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

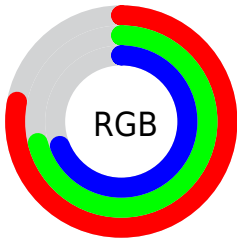
Format	Color
R_{YB}	198, 182, 177
Decimal	13022641
CIE Lab	74.97, 5.37, 4.22
CIE LCh	75, 6.829, 38.154
Yxy	48.2278, 0.3308, 0.3341
Android (android.graphics.Color)	4291212721 (0xFFC6B5B1)
YUV	185.6270, -4.2531, 10.8511
Hunter-Lab	69.4462, 1.1984, 7.3015

Details

The XYZ color **47.7484, 48.2278, 48.3873** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6162, 52.0071, 60.9554**, and the grayscale version is **46.4832, 48.9039, 53.2563**.

A 20% lighter version of the original color is **86.2322, 87.7116, 89.4759**, and **22.8589, 22.8229, 22.2692** is the 20% darker color. If you saturate the color by 10%, you get **42.8433, 41.3499, 37.7117**, and if you desaturate by 10%, it is **53.3174, 55.9742, 60.6981**.

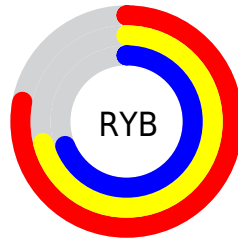
Distribution



Red (78%)

Green (71%)

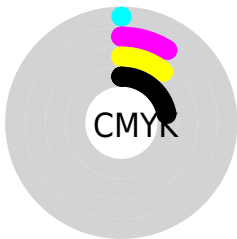
Blue (69%)



Red (78%)

Yellow (71%)

Blue (69%)

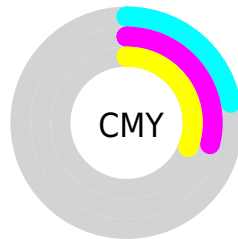


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (22%)



Cyan (22%)


Magenta (29%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7484, 48.2278, 48.3873 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 47.7484, 48.2278, 48.3873 by changing the saturation by 10% instead.


 47.7484, 48.2278,
48.3873

 47.7484, 48.2278,
48.3873


368.3932,
379.6944, 396.8781

 33.8381, 34.0073,
33.7715


 86.0416, 87.5435,
89.1523

 22.9316, 22.8992,
22.4422


111.1553,
113.4075, 116.1386

 14.6634, 14.5191,
13.9808

140.7341,
143.9214, 148.0856

 8.6683, 8.4826,
7.9687

175.1435,
179.4697, 185.4117

 4.5808, 4.4053,
3.9874

214.7487,
220.4368, 228.5354

 2.0357, 1.9027,
1.6185

259.9152,

 0.6539, 0.5500,

267.2070, 277.8754

0.3039

311.0082,
320.1647, 333.8501

■ 0.0000, 0.0000,
0.0000

■ 47.7484, 48.2278,
48.3873

■ 47.7484, 48.2278,
48.3873

■ 42.8433, 41.3499,
37.7117

■ 53.3174, 55.9742,
60.6981

■ 38.5733, 35.3038,
28.5994

■ 59.5698, 64.6115,
74.7059

■ 34.9130, 30.0598,
20.9775

■ 66.5295, 74.1690,
90.4728

■ 31.8341, 25.5839,
14.7664

■ 74.0236, 84.5953,
107.0348

■ 29.3059, 21.8395,
9.8788

■ 77.0990, 90.7459,
108.0599

■ 27.2946, 18.7871,
6.2175

■ 25.7628, 16.3833,
3.6723

■ 24.6672, 14.5796,
2.1124

■ 23.9740, 13.3759,
1.3182

Harmonies

Analogous

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



48.2511, 48.2278, 51.5450



47.7484, 48.2278, 48.3873



46.7361, 48.2278, 46.3989

Triad

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



47.7484, 48.2278, 48.3873



43.6517, 48.2278, 50.0005



46.1796, 48.2278, 59.5988

Complementary

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



47.7484, 48.2278, 48.3873



47.6162, 52.0071, 60.9554

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.



44.9536, 48.2278, 59.1394



47.7484, 48.2278, 48.3873



43.5088, 48.2278, 53.4907

Square

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



47.7484, 48.2278, 48.3873



44.3753, 48.2278, 47.3005



43.9813, 48.2278, 56.8644



47.3347, 48.2278, 58.0926

Rectangle

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



47.7484, 48.2278, 48.3873



45.9163, 48.2278, 45.9501



43.9813, 48.2278, 56.8644



45.7619, 48.2278, 59.6704

Sweetspot

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



47.7497, 48.2299, 48.3883



91.8991, 95.6300, 101.8940



48.7660, 47.3526, 57.6977



19.4940, 20.2240, 21.4188



0.0000, 0.0000, 0.0000



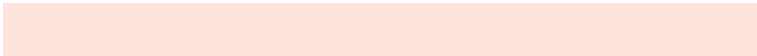
20.3446, 21.4041, 23.3091

Same Dimension

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



47.7497, 48.2299, 48.3883



82.1948, 82.1060, 80.5178



49.9324, 52.5952, 49.1159



10.7948, 10.9587, 11.1091



15.6382, 8.7935, 0.8731



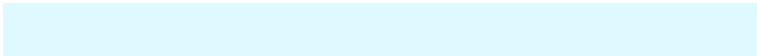
0.7910, 0.5174, 0.0582

Inverse Universe

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



47.6162, 52.0071, 60.9554



81.9053, 90.2799, 107.7166



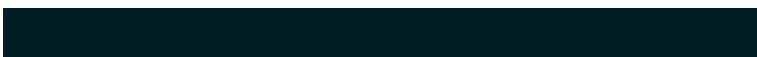
45.3931, 47.5608, 60.2144



10.7682, 11.7106, 13.6103



14.8920, 19.1780, 37.6612



0.7507, 0.9991, 1.7984

Previews

White Background



This preview shows how the XYZ color 47.7484, 48.2278, 48.3873 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 47.7484, 48.2278, 48.3873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

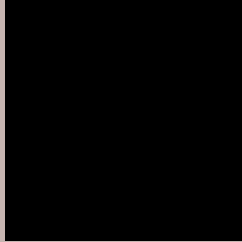
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7484, 48.2278, 48.3873

Background



This preview shows how black text looks on a background with the XYZ color 47.7484, 48.2278, 48.3873.



This preview shows how white text looks on a background with the XYZ color 47.7484, 48.2278,

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

47.7484, 48.2278, 48.3873

Protanopia

46.2634, 48.3545, 49.5428

Deuteranopia

49.1331, 48.0343, 48.8014



Tritanopia

49.5652, 48.3698, 57.1760

Trichromacy



Original Color

47.7484, 48.2278, 48.3873

Protanomaly

46.7076, 48.2878, 48.9782

Deuteranomaly

48.5131, 48.0111, 48.8296

Tritanomaly

48.8441, 48.3725, 53.7762

Monochromacy



Original Color

47.7484, 48.2278, 48.3873

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.9229, 48.6470, 51.7165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7484, 48.2278, 48.3873 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(198, 181, 177)` looks like.

```
.text, #text, p{  
    color:rgb(198, 181, 177)  
}
```

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(198, 181, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 181, 177) }
```

Border

The CSS property to change the border of an element to XYZ 47.7484, 48.2278, 48.3873 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(198, 181, 177) }
```


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

```
.border{ border-color:rgb(198, 181, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 181, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 181, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 181, 177); box-shadow:4px 4px 4px 4px rgb(198, 181, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7484, 48.2278, 48.3873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 181, 177) }
```

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

```
.background{ background-color: rgb(198,  
181, 177) }
```

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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