

Converting Colors

XYZ(47.6215, 47.8694, 52.5564)

Have a look what the booklet for
XYZ(47.6215, 47.8694, 52.5564)
contains.

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Color

**XYZ(47.5839, 47.7474,
52.6072)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B4B9
RGB	195, 180, 185
RGB Percent	76%, 71%, 73%
CMY	0.2353, 0.2941, 0.2745
CMYK	0.00, 0.08, 0.05, 0.24
HSL	340°, 11%, 74%
HSV	340°, 8%, 76%
XYZ	47.5839, 47.7474, 52.6072
YIQ	185.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

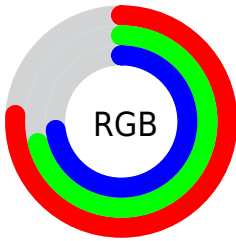
Format	Color
R _Y B	195, 180, 185
Decimal	12825785
CIE Lab	74.67, 6.22, -0.62
CIE LCh	75, 6.250, 354.331
Yxy	47.7474, 0.3216, 0.3228
Android (android.graphics.Color)	4291015865 (0xFFC3B4B9)
YUV	185.0550, -0.0271, 8.7218
Hunter-Lab	69.0995, 1.9961, 3.2307

Details

The XYZ color **47.5839, 47.7474, 52.6072** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6336, 52.4525, 56.3315**, and the grayscale version is **46.1431, 48.5461, 52.8667**.

A 20% lighter version of the original color is **86.0175, 87.0372, 95.4853**, and **22.7387, 22.5074, 24.9757** is the 20% darker color. If you saturate the color by 10%, you get **42.6107, 39.8977, 44.4841**, and if you desaturate by 10%, it is **53.2392, 56.7592, 61.5782**.

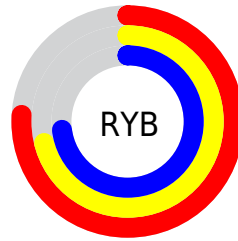
Distribution



Red (76%)

Green (71%)

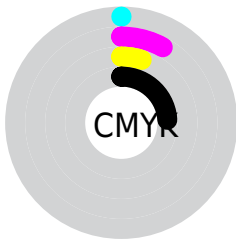
Blue (73%)



Red (76%)

Yellow (71%)

Blue (73%)

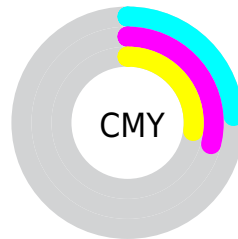


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (24%)



Cyan (24%)


Magenta (29%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5839, 47.7474, 52.6072 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 47.5839, 47.7474, 52.6072 by changing the saturation by 10% instead.


 47.5839, 47.7474,
52.6072

 47.5839, 47.7474,
52.6072


367.7505,
377.7900, 413.7997

 33.7074, 33.6269,
37.1037


 85.7980, 86.8282,
95.4618

 22.8307, 22.6071,
24.9914


110.8663,
112.5573, 123.6500

 14.5886, 14.3037,
15.8517


140.3958,
142.9246, 156.9035

 8.6156, 8.3322,
9.2660

174.7521,
178.3147, 195.6409

 4.5464, 4.3082,
4.8159

214.3003,
219.1119, 240.2806

 2.0156, 1.8474,
2.0828

259.4059,

 0.6427, 0.5165,

265.7006, 291.2414

0.6055

310.4342,
318.4652, 348.9415

■ 0.0000, 0.0000,
0.0000

■ 47.5839, 47.7474,
52.6072

■ 47.5839, 47.7474,
52.6072

■ 42.6107, 39.8977,
44.4841

■ 53.2392, 56.7592,
61.5782

■ 38.2891, 33.1564,
37.1806

■ 59.5975, 66.9713,
71.4183

■ 34.5925, 27.4750,
30.6711

■ 66.6836, 78.4281,
82.1516

■ 31.4907, 22.7990,
24.9275

■ 73.5539, 89.2374,
93.4784

■ 28.9508, 19.0689,
19.9199

■ 75.5237, 90.0254,
103.8515

■ 26.9367, 16.2189,
15.6164

■ 76.3160, 90.3422,
108.0233

■ 25.4078, 14.1747,
11.9821

■ 24.3171, 12.8494,
8.9789

■ 23.5975, 12.1171,
6.5600

Harmonies

Analogous

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



47.1745, 47.7474, 55.7104



47.5839, 47.7474, 52.6072



47.3955, 47.7474, 49.4616

Triad

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



47.5839, 47.7474, 52.6072



44.4913, 47.7474, 46.5112



44.1246, 47.7474, 57.2212

Complementary

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



47.5839, 47.7474, 52.6072



47.6336, 52.4525, 56.3315

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.



43.4272, 47.7474, 54.6006



47.5839, 47.7474, 52.6072



43.6364, 47.7474, 48.4368

Square

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



47.5839, 47.7474, 52.6072



45.5979, 47.7474, 46.0270



43.2500, 47.7474, 51.3753



45.1677, 47.7474, 58.4444

Rectangle

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



47.5839, 47.7474, 52.6072



46.9579, 47.7474, 47.7517



43.2500, 47.7474, 51.3753



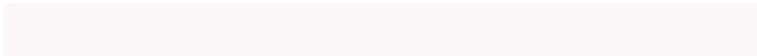
43.8427, 47.7474, 56.4694

Sweetspot

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



47.5853, 47.7495, 52.6082



90.8035, 94.3914, 103.1241



47.4084, 47.5320, 58.3063



19.9073, 20.7063, 22.6184



0.0000, 0.0000, 0.0000



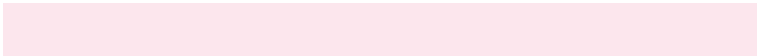
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5853, 47.7495, 52.6082



83.8596, 83.3547, 92.0198



47.5760, 48.5605, 50.0481



10.2085, 10.1320, 11.1887



15.2823, 7.8027, 4.1327



0.6927, 0.3501, 0.3490

Inverse Universe

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



47.5853, 47.7495, 52.6082



83.8596, 83.3547, 92.0198



47.6339, 51.5640, 59.0727



10.2085, 10.1320, 11.1887



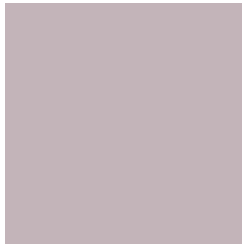
15.2823, 7.8027, 4.1327



0.6927, 0.3501, 0.3490

Previews

White Background



This preview shows how the XYZ color 47.5839, 47.7474, 52.6072 looks on a white background.

Color Contrast Check

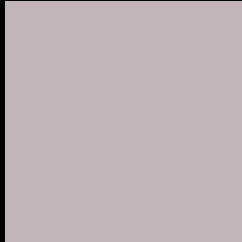
Large Text (above 18pt) WCAG AA × Fail

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 47.5839, 47.7474, 52.6072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

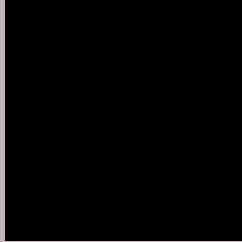
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5839, 47.7474, 52.6072

Background



This preview shows how black text looks on a background with the XYZ color 47.5839, 47.7474, 52.6072.



This preview shows how white text looks on a background with the XYZ color 47.5839, 47.7474,

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

47.5839, 47.7474, 52.6072

Protanopia

46.1528, 47.8939, 53.8256

Deuteranopia

48.7647, 47.7611, 52.5476



Tritanopia

48.5107, 47.8262, 57.1267

Trichromacy



Original Color

47.5839, 47.7474, 52.6072

Protanomaly

46.5771, 47.8199, 53.2297

Deuteranomaly

48.4302, 47.8851, 52.5891

Tritanomaly

48.1793, 47.6937, 55.3817

Monochromacy



Original Color

47.5839, 47.7474, 52.6072

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.6767, 48.1886, 52.7401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5839, 47.7474, 52.6072 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(195, 180, 185)` looks like.

```
.text, #text, p{  
    color:rgb(195, 180, 185)  
}
```

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(195, 180, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 180, 185) }
```

Border

The CSS property to change the border of an element to XYZ 47.5839, 47.7474, 52.6072 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(195, 180, 185) }
```


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

```
.border{ border-color:rgb(195, 180, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 180, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 180, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 180, 185);  
box-shadow:4px 4px 4px 4px rgb(195, 180,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5839, 47.7474, 52.6072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 180, 185) }
```

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

```
.background{ background-color: rgb(195,  
180, 185) }
```

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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