

Converting Colors

XYZ(50.4875, 49.4128, 72.5223)

Have a look what the booklet for
XYZ(50.4875, 49.4128, 72.5223)
contains.

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Color

**XYZ(50.4875, 49.4128,
72.5223)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB6D9
RGB	190, 182, 217
RGB Percent	75%, 71%, 85%
CMY	0.2549, 0.2863, 0.1490
CMYK	0.12, 0.16, 0.00, 0.15
HSL	254°, 32%, 78%
HSV	254°, 16%, 85%
XYZ	50.4875, 49.4128, 72.5223
YIQ	188.3820, -6.4670, 12.5810

Conversions

Conversions Part 2

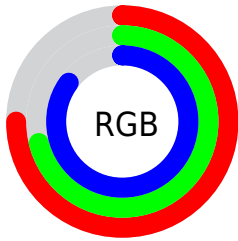
Format	Color
R_{YB}	190, 182, 217
Decimal	12498649
CIE _{Lab}	75.71, 9.64, -16.55
CIE _{LCh}	76, 19.152, 300.236
Yxy	49.4128, 0.2928, 0.2866
Android (android.graphics.Color)	4290688729 (0xFFBEB6D9)
YUV	188.3820, 14.1087, 1.4190
Hunter-Lab	70.2942, 5.1893, -11.9633

Details

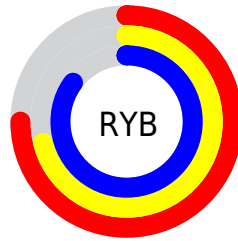
The XYZ color **50.4875, 49.4128, 72.5223** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.5527, 66.5597, 53.9669**, and the grayscale version is **47.9433, 50.4401, 54.9292**.

A 20% lighter version of the original color is **86.6306, 87.9619, 107.0202**, and **24.5252, 23.5434, 37.4341** is the 20% darker color. If you saturate the color by 10%, you get **42.4394, 39.1710, 70.9704**, and if you desaturate by 10%, it is **59.7076, 61.2836, 74.3284**.

Distribution



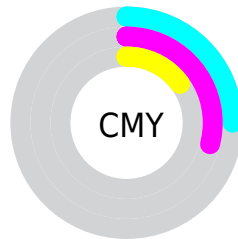
- Red (75%)
- Green (71%)
- Blue (85%)



- Red (75%)
- Yellow (71%)
- Blue (85%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4875, 49.4128, 72.5223 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 50.4875, 49.4128, 72.5223 by changing the saturation by 10% instead.

■ 50.4875, 49.4128,
72.5223

■ 50.4875, 49.4128,
72.5223

378.9899,
384.3652, 488.3838

■ 36.0203, 34.9471,
53.0960

■ 90.0843, 89.3042,
124.5134

■ 24.6200, 23.6221,
37.4912

115.9445,
115.4987, 157.9154

■ 15.9214, 15.0535,
25.2892

146.3332,
146.3716, 196.8129

■ 9.5591, 8.8570,
16.0717

181.6156,
182.3072, 241.6246

■ 5.1676, 4.6480,
9.4200

222.1571,
223.6900, 292.7690

■ 2.3817, 2.0422,
4.9156

268.3231,

■ 0.8360, 0.6318,

270.9043, 350.6646

2.1400

320.4789,
324.3346, 415.7301

■ 0.0000, 0.0000,
0.6394

■ 0.0000, 0.0000,
0.0000

■ 50.4875, 49.4128,
72.5223

■ 50.4875, 49.4128,
72.5223

■ 42.4394, 39.1710,
70.9704

■ 59.7076, 61.2836,
74.3284

■ 35.5109, 30.4804,
69.6581

■ 70.1401, 74.8443,
76.3960

■ 29.6525, 23.2662,
68.5744

■ 81.8291, 90.1602,
78.7362

■ 24.8088, 17.4447,
67.7060

■ 89.5245, 97.7898,
79.8033

■ 20.9193, 12.9237,
67.0384

■ 17.9170, 9.5997,
66.5550

■ 15.7249, 7.3528,
66.2369

■ 14.2506, 6.0351,
66.0602

■ 13.8197, 5.6775,
66.0139

Harmonies

Analogous

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



46.9935, 49.4128, 75.8162



50.4875, 49.4128, 72.5223



53.1440, 49.4128, 64.1029

Triad

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



50.4875, 49.4128, 72.5223



50.4364, 49.4128, 38.5527



40.4643, 49.4128, 53.8827

Complementary

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



50.4875, 49.4128, 72.5223



59.5527, 66.5597, 53.9669

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.



41.2852, 49.4128, 44.6686



50.4875, 49.4128, 72.5223



46.9373, 49.4128, 36.5242

Square

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



50.4875, 49.4128, 72.5223



53.1135, 49.4128, 44.5455



43.6110, 49.4128, 38.6172



41.3110, 49.4128, 64.2598

Rectangle

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



50.4875, 49.4128, 72.5223



54.0193, 49.4128, 57.1863



43.6110, 49.4128, 38.6172



40.5539, 49.4128, 50.5542

Sweetspot

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



50.4890, 49.4149, 72.5234



87.5899, 90.3151, 107.4238



54.7203, 60.7620, 74.4906



18.5311, 19.0506, 22.9504



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.



50.4890, 49.4149, 72.5234



69.0544, 66.4751, 103.7992



55.0094, 51.7452, 72.7349



12.6157, 12.7600, 16.4501



8.4422, 3.4763, 39.9644



0.6225, 0.2642, 2.5926

Inverse Universe

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



56.8535, 52.8132, 67.5215



79.7622, 72.1952, 95.2620



54.9751, 64.1999, 53.7527



13.4804, 13.2213, 15.7912



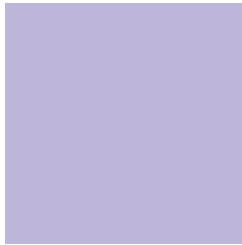
21.6096, 10.6449, 23.3878



1.4317, 0.7023, 1.6824

Previews

White Background



This preview shows how the XYZ color 50.4875, 49.4128, 72.5223 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 50.4875, 49.4128, 72.5223 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

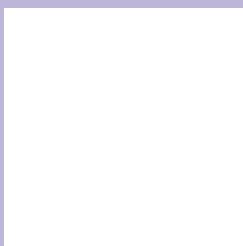
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.4875, 49.4128, 72.5223

Background



This preview shows how black text looks on a background with the XYZ color 50.4875, 49.4128, 72.5223.



This preview shows how white text looks on a background with the XYZ color 50.4875, 49.4128,

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

50.4875, 49.4128, 72.5223

Protanopia

48.9575, 49.5157, 73.9950

Deuteranopia

50.4875, 49.4128, 72.5223



Tritanopia

48.2678, 49.4328, 61.6411

Trichromacy



Original Color

50.4875, 49.4128, 72.5223

Protanomaly

49.5625, 49.5333, 73.2783

Deuteranomaly

50.4875, 49.4128, 72.5223

Tritanomaly

49.0201, 49.4286, 65.3496

Monochromacy



Original Color

50.4875, 49.4128, 72.5223

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.8540, 50.0601, 61.1205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4875, 49.4128, 72.5223 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(190, 182, 217)` looks like.

```
.text, #text, p{  
    color:rgb(190, 182, 217)  
}
```

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(190, 182, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 182, 217) }
```

Border

The CSS property to change the border of an element to XYZ 50.4875, 49.4128, 72.5223 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(190, 182, 217) }
```


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

```
.border{ border-color:rgb(190, 182, 217) }
```

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

Here you see how a box with a 4 pixel rgb(190, 182, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 182, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 182, 217);  
box-shadow:4px 4px 4px 4px rgb(190, 182,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4875, 49.4128, 72.5223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 182, 217) }
```

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

```
.background{ background-color: rgb(190,  
182, 217) }
```

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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