

Converting Colors

XYZ(51.1237, 49.4719, 57.3066)

Have a look what the booklet for
XYZ(51.1237, 49.4719, 57.3066)
contains.

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Color

**XYZ(51.1237, 49.4719,
57.3066)**

Conversions

Conversions Part 1

Format	Color
Hex	CDB4C1
RGB	205, 180, 193
RGB Percent	80%, 71%, 76%
CMY	0.1961, 0.2941, 0.2431
CMYK	0.00, 0.12, 0.06, 0.20
HSL	329°, 20%, 75%
HSV	329°, 12%, 80%
XYZ	51.1237, 49.4719, 57.3066
YIQ	188.9570, 10.7270, 9.3430

Conversions

Conversions Part 2

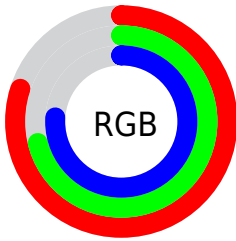
Format	Color
R_{YB}	205, 180, 193
Decimal	13481153
CIE _{Lab}	75.74, 11.18, -3.30
CIE _{LCh}	76, 11.657, 343.565
Yxy	49.4719, 0.3238, 0.3133
Android (android.graphics.Color)	4291671233 (0xFFCDB4C1)
YUV	188.9570, 1.9932, 14.0697
Hunter-Lab	70.3363, 6.6537, 0.9287

Details

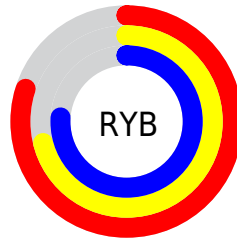
The XYZ color **51.1237, 49.4719, 57.3066** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1700, 57.1730, 58.2631**, and the grayscale version is **48.3310, 50.8480, 55.3735**.

A 20% lighter version of the original color is **88.3343, 88.0905, 101.9700**, and **25.0855, 23.6515, 28.0540** is the 20% darker color. If you saturate the color by 10%, you get **46.2261, 41.3751, 50.4368**, and if you desaturate by 10%, it is **56.7093, 58.8264, 64.7673**.

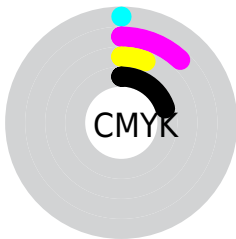
Distribution



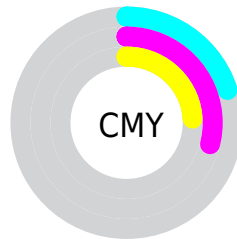
- Red (80%)
- Green (71%)
- Blue (76%)



- Red (80%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1237, 49.4719, 57.3066 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 51.1237, 49.4719, 57.3066 by changing the saturation by 10% instead.


 51.1237, 49.4719,
57.3066

 51.1237, 49.4719,
57.3066


381.4239,
384.5971, 432.1231

 36.5285, 34.9940,
40.8404


 91.0195, 89.3919,
102.4172

 25.0146, 23.6582,
27.8757

117.0508,
115.6028, 131.8987

 16.2168, 15.0803,
17.9937


147.6249,
146.4935, 166.5558

 9.7695, 8.8758,
10.7761

183.1071,
182.4483, 206.8069

 5.3075, 4.6602,
5.8042

223.8627,
223.8517, 253.0707

 2.4654, 2.0493,
2.6595

270.2572,

 0.8778, 0.6359,

271.0880, 305.7656

0.9230

322.6558,
324.5417, 365.3102

■ 0.0000, 0.0000,
0.0000

■ 51.1237, 49.4719,
57.3066

■ 51.1237, 49.4719,
57.3066

■ 46.2261, 41.3751,
50.4368

■ 56.7093, 58.8264,
64.7673

■ 41.9841, 34.4753,
44.1385

■ 63.0050, 69.4829,
72.8315

■ 38.3688, 28.7168,
38.3955

■ 70.0375, 81.4915,
81.5150

■ 35.3476, 24.0365,
33.1895

■ 75.5547, 90.3463,
90.0737

■ 32.8847, 20.3652,
28.5009

■ 76.9954, 90.9226,
97.6601

■ 30.9402, 17.6259,
24.3085

■ 78.5156, 91.5307,
105.6655

■ 29.4685, 15.7298,
20.5888

■ 78.9871, 91.7193,
108.1483

■ 28.4151, 14.5710,
17.3152

■ 27.8093, 14.0321,
15.0391

Harmonies

Analogous

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



49.9459, 49.4719, 62.9646



51.1237, 49.4719, 57.3066



51.1807, 49.4719, 51.1213

Triad

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



51.1237, 49.4719, 57.3066



46.0530, 49.4719, 43.0994



44.0724, 49.4719, 62.4976

Complementary

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



51.1237, 49.4719, 57.3066



50.1700, 57.1730, 58.2631

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.



43.0941, 49.4719, 56.7082



51.1237, 49.4719, 57.3066



44.2136, 49.4719, 45.6900

Square

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



51.1237, 49.4719, 57.3066



48.2079, 49.4719, 43.2326



43.1449, 49.4719, 50.5669



45.8549, 49.4719, 66.1151

Rectangle

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



51.1237, 49.4719, 57.3066



50.5722, 49.4719, 47.5469



43.1449, 49.4719, 50.5669



43.6411, 49.4719, 60.7226

Sweetspot

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



51.1251, 49.4741, 57.3077



91.1035, 93.3525, 103.7446



48.9965, 48.2157, 64.4824



19.3456, 19.7220, 22.0020



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.



51.1251, 49.4741, 57.3077



81.2216, 76.8502, 90.3961



49.8232, 48.9533, 50.4520



11.4518, 11.3095, 12.9139



17.3605, 8.7548, 9.6169



0.9338, 0.4669, 0.6975

Inverse Universe

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



51.1251, 49.4741, 57.3077



81.2216, 76.8502, 90.3961



51.5743, 57.7347, 65.6579



11.4518, 11.3095, 12.9139



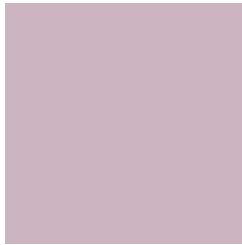
17.3605, 8.7548, 9.6169



0.9338, 0.4669, 0.6975

Previews

White Background



This preview shows how the XYZ color 51.1237, 49.4719, 57.3066 looks on a white background.

Color Contrast Check

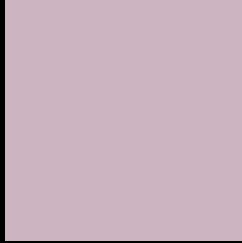
Large Text (above 18pt) WCAG AA × Fail

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 51.1237, 49.4719, 57.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

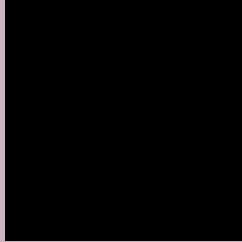
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1237, 49.4719, 57.3066

Background



This preview shows how black text looks on a background with the XYZ color 51.1237, 49.4719, 57.3066.



This preview shows how white text looks on a background with the XYZ color 51.1237, 49.4719,

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

51.1237, 49.4719, 57.3066

Protanopia

48.0162, 49.6681, 59.2807

Deuteranopia

50.5066, 49.4546, 57.3358



Tritanopia

51.2357, 49.5167, 57.8962

Trichromacy



Original Color

51.1237, 49.4719, 57.3066

Protanomaly

49.2390, 49.6904, 58.6258

Deuteranomaly

50.7781, 49.5945, 57.3485

Tritanomaly

51.2357, 49.5167, 57.8962

Monochromacy



Original Color

51.1237, 49.4719, 57.3066

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.3588, 50.4376, 55.8491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1237, 49.4719, 57.3066 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(205, 180, 193)` looks like.

```
.text, #text, p{  
    color:rgb(205, 180, 193)  
}
```

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(205, 180, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 180, 193) }
```

Border

The CSS property to change the border of an element to XYZ 51.1237, 49.4719, 57.3066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

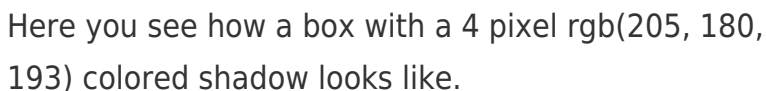
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 180, 193) }
```


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

```
.border{ border-color:rgb(205, 180, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 180, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 180, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 180, 193); box-shadow:4px 4px 4px 4px rgb(205, 180, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1237, 49.4719, 57.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 180, 193) }
```

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

```
.background{ background-color: rgb(205,  
180, 193) }
```

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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