

Converting Colors

XYZ(51.3963, 49.9744, 55.7896)

Have a look what the booklet for
XYZ(51.3963, 49.9744, 55.7896)
contains.

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Color

**XYZ(51.2717, 49.8873,
55.6421)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB5BE
RGB	206, 181, 190
RGB Percent	81%, 71%, 75%
CMY	0.1922, 0.2902, 0.2549
CMYK	0.00, 0.12, 0.08, 0.19
HSL	338°, 20%, 76%
HSV	338°, 12%, 81%
XYZ	51.2717, 49.8873, 55.6421
YIQ	189.5010, 12.0110, 8.0990

Conversions

Conversions Part 2

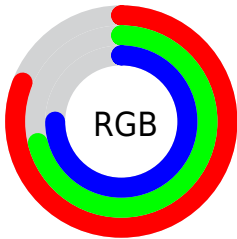
Format	Color
R _Y B	206, 181, 190
Decimal	13546942
CIE Lab	76.00, 10.47, -1.28
CIE LCh	76, 10.546, 353.041
Yxy	49.8873, 0.3270, 0.3182
Android (android.graphics.Color)	4291737022 (0xFFCEB5BE)
YUV	189.5010, 0.2460, 14.4696
Hunter-Lab	70.6309, 5.9708, 2.7338

Details

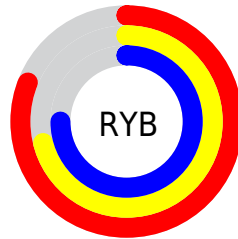
The XYZ color **51.2717, 49.8873, 55.6421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2073, 57.9988, 61.3221**, and the grayscale version is **48.6517, 51.1854, 55.7409**.

A 20% lighter version of the original color is **88.1587, 88.4822, 99.6211**, and **25.1834, 23.9199, 26.9566** is the 20% darker color. If you saturate the color by 10%, you get **46.0124, 41.5712, 47.0975**, and if you desaturate by 10%, it is **57.2836, 59.4987, 65.0821**.

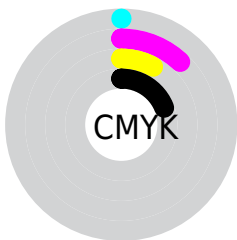
Distribution



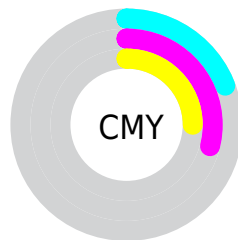
- Red (81%)
- Green (71%)
- Blue (75%)



- Red (81%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (19%)



- Cyan (19%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2717, 49.8873, 55.6421 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 51.2717, 49.8873, 55.6421 by changing the saturation by 10% instead.

■ 51.2717, 49.8873,
55.6421

■ 51.2717, 49.8873,
55.6421

381.9888,
386.2251, 425.6917

■ 36.6468, 35.3239,
39.5140

■ 91.2369, 90.0079,
99.9617

■ 25.1066, 23.9125,
26.8489

117.3079,
116.3338, 128.9902

■ 16.2856, 15.2687,
17.2283

147.9249,
147.3493, 163.1559

■ 9.8186, 9.0082,
10.2338

183.4534,
183.4389, 202.8774

■ 5.3402, 4.7465,
5.4466

224.2587,
224.9868, 248.5732

■ 2.4850, 2.0993,
2.4483

270.7061,

■ 0.8877, 0.6642,

272.3776, 300.6618

0.8126

323.1610,
325.9955, 359.5618

■ 0.0000, 0.0000,
0.0000

■ 51.2717, 49.8873,
55.6421

■ 51.2717, 49.8873,
55.6421

■ 46.0124, 41.5712,
47.0975

■ 57.2836, 59.4987,
65.0821

■ 41.4708, 34.4881,
39.4179

■ 64.0726, 70.4508,
75.4403

■ 37.6159, 28.5807,
32.5758

■ 71.6672, 82.7951,
86.7424

■ 34.4122, 23.7844,
26.5410

■ 77.3530, 91.0976,
98.0989

■ 31.8212, 20.0284,
21.2813

■ 79.2638, 91.8619,
108.1612

■ 29.8000, 17.2335,
16.7617

■ 28.2998, 15.3091,
12.9445

■ 27.2626, 14.1468,
9.7871

■ 26.6946, 13.6182,
7.7252

Harmonies

Analogous

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



50.5041, 49.8873, 61.0970



51.2717, 49.8873, 55.6421



50.9837, 49.8873, 50.1876

Triad

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



51.2717, 49.8873, 55.6421



45.9510, 49.8873, 44.9460



45.1780, 49.8873, 63.4446

Complementary

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



51.2717, 49.8873, 55.6421



51.2073, 57.9988, 61.3221

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.



44.0195, 49.8873, 58.6707



51.2717, 49.8873, 55.6421



44.4572, 49.8873, 48.0614

Square

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



51.2717, 49.8873, 55.6421



47.8762, 49.8873, 44.2581



43.7593, 49.8873, 53.0166



46.9595, 49.8873, 65.7991

Rectangle

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



51.2717, 49.8873, 55.6421



50.2355, 49.8873, 47.2543



43.7593, 49.8873, 53.0166



44.7048, 49.8873, 62.0544

Sweetspot

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



51.2731, 49.8895, 55.6432



90.8484, 93.2505, 102.4015



50.6485, 49.3542, 65.2499



19.2811, 19.6962, 21.6624



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.



51.2731, 49.8895, 55.6432



80.3441, 76.4992, 85.7750



51.0056, 50.8798, 50.8513



11.3764, 11.2793, 12.5166



16.4800, 8.4026, 4.9806



0.8863, 0.4479, 0.4469

Inverse Universe

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



51.2731, 49.8895, 55.6432



80.3441, 76.4992, 85.7750



51.4755, 56.8359, 66.6504



11.3764, 11.2793, 12.5166



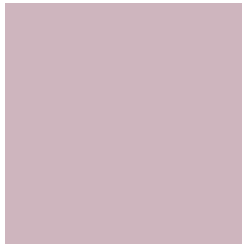
16.4800, 8.4026, 4.9806



0.8863, 0.4479, 0.4469

Previews

White Background



This preview shows how the XYZ color 51.2717, 49.8873, 55.6421 looks on a white background.

Color Contrast Check

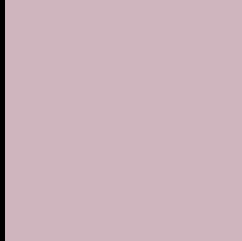
Large Text (above 18pt) WCAG AA × Fail

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 51.2717, 49.8873, 55.6421 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 51.2717, 49.8873, 55.6421

Background



This preview shows how black text looks on a background with the XYZ color 51.2717, 49.8873, 55.6421.



This preview shows how white text looks on a background with the XYZ color 51.2717, 49.8873,

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

51.2717, 49.8873, 55.6421

Protanopia

48.1708, 49.7869, 57.5230

Deuteranopia

50.9241, 50.0110, 55.6843



Tritanopia

51.7910, 49.8030, 57.9222

Trichromacy



Original Color

51.2717, 49.8873, 55.6421

Protanomaly

49.1606, 49.6889, 56.8690

Deuteranomaly

51.1990, 50.1527, 55.6972

Tritanomaly

51.6790, 49.7582, 57.3326

Monochromacy



Original Color

51.2717, 49.8873, 55.6421

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.8295, 50.9941, 55.9317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2717, 49.8873, 55.6421 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(206, 181, 190)` looks like.

```
.text, #text, p{  
    color:rgb(206, 181, 190)  
}
```

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(206, 181, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 181, 190) }
```

Border

The CSS property to change the border of an element to XYZ 51.2717, 49.8873, 55.6421 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(206, 181, 190) }
```


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

```
.border{ border-color:rgb(206, 181, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 181, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 181, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 181, 190);  
box-shadow:4px 4px 4px 4px rgb(206, 181,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2717, 49.8873, 55.6421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 181, 190) }
```

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

```
.background{ background-color: rgb(206,  
181, 190) }
```

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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