

Converting Colors

XYZ(47.7534, 49.7215, 53.5286)

Have a look what the booklet for
XYZ(47.7534, 49.7215, 53.5286)
contains.

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Color

**XYZ(47.6570, 49.6101,
53.5183)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBABA
RGB	190, 186, 186
RGB Percent	75%, 73%, 73%
CMY	0.2549, 0.2706, 0.2706
CMYK	0.00, 0.02, 0.02, 0.25
HSL	0°, 3%, 74%
HSV	0°, 2%, 75%
XYZ	47.6570, 49.6101, 53.5183
YIQ	187.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

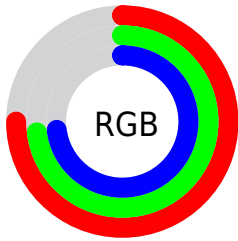
Format	Color
R _Y B	190, 186, 186
Decimal	12499642
CIE Lab	75.83, 1.41, 0.49
CIE LCh	76, 1.488, 19.173
Yxy	49.6101, 0.3161, 0.3290
Android (android.graphics.Color)	4290689722 (0xFFBEBABA)
YUV	187.1960, -0.5896, 2.4591
Hunter-Lab	70.4344, -2.4845, 4.2537

Details

The XYZ color **47.6570, 49.6101, 53.5183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9574, 50.9830, 56.0289**, and the grayscale version is **47.3481, 49.8139, 54.2473**.

A 20% lighter version of the original color is **85.7852, 89.5079, 96.7598**, and **22.9377, 23.7869, 25.5727** is the 20% darker color. If you saturate the color by 10%, you get **42.0330, 41.3820, 42.3320**, and if you desaturate by 10%, it is **54.0839, 59.0127, 66.2986**.

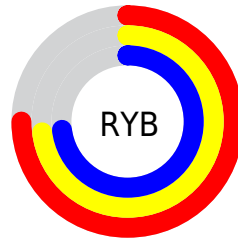
Distribution



Red (75%)

Green (73%)

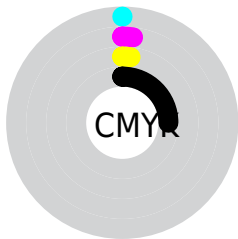
Blue (73%)



Red (75%)

Yellow (73%)

Blue (73%)

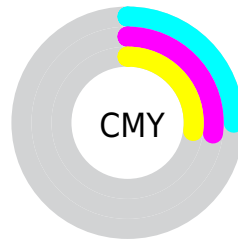


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6570, 49.6101, 53.5183 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 47.6570, 49.6101, 53.5183 by changing the saturation by 10% instead.

■ 47.6570, 49.6101,
53.5183

■ 47.6570, 49.6101,
53.5183

368.0362,
385.1392, 417.3930

■ 33.7655, 35.1037,
37.8261

■ 85.9063, 89.5969,
96.8159

■ 22.8755, 23.7428,
25.5470

110.9947,
115.8461, 125.2583

■ 14.6218, 15.1429,
16.2623

140.5462,
146.7784, 158.7880

■ 8.6390, 8.9197,
9.5536

174.9260,
182.7781, 197.8234

■ 4.5617, 4.6889,
5.0023

214.4996,
224.2296, 242.7831

■ 2.0245, 2.0659,
2.1898

259.6322,

■ 0.6477, 0.6453,

271.5174, 294.0855

0.6685

310.6893,
325.0258, 352.1493

■ 0.0000, 0.0000,
0.0000

■ 47.6570, 49.6101,
53.5183

■ 47.6570, 49.6101,
53.5183

■ 42.0330, 41.3820,
42.3320

■ 54.0839, 59.0127,
66.2986

■ 37.1762, 34.2762,
32.6740

■ 61.3390, 69.6267,
80.7285

■ 33.0548, 28.2460,
24.4791

■ 69.4517, 81.4952,
96.8650

■ 29.6329, 23.2390,
17.6759

■ 75.0455, 89.6873,
107.9638

■ 26.8718, 19.1985,
12.1871

■ 24.7287, 16.0622,
7.9280

■ 23.1562, 13.7606,
4.8038

■ 22.0998, 12.2140,
2.7062

■ 21.4945, 11.3274,
1.5055

Harmonies

Analogous

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



47.6772, 49.6101, 54.3036



47.6570, 49.6101, 53.5183



47.5014, 49.6101, 52.8727

Triad

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



47.6570, 49.6101, 53.5183



46.7516, 49.6101, 53.0273



47.0531, 49.6101, 55.5267

Complementary

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



47.6570, 49.6101, 53.5183



47.9574, 50.9830, 56.0289

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.



46.8061, 49.6101, 55.1777



47.6570, 49.6101, 53.5183



46.6325, 49.6101, 53.7314

Square

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



47.6570, 49.6101, 53.5183



46.9785, 49.6101, 52.5911



46.6524, 49.6101, 54.5187



47.3278, 49.6101, 55.4683

Rectangle

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



47.6570, 49.6101, 53.5183



47.3422, 49.6101, 52.6059



46.6524, 49.6101, 54.5187



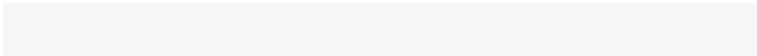
46.9641, 49.6101, 55.4530

Sweetspot

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



47.6584, 49.6122, 53.5194



87.5596, 91.6542, 99.3635



48.0890, 49.7834, 55.7904



19.2396, 20.1445, 21.8439



92.9021, 97.7402, 106.4391



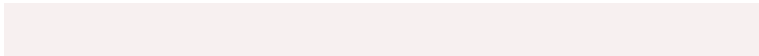
19.4759, 20.4902, 22.3138

Same Dimension

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



47.6584, 49.6122, 53.5194



85.3401, 88.4071, 94.9495



48.0820, 50.4595, 53.6606



10.2273, 10.5567, 11.3005



14.1216, 7.2820, 0.6613



0.5534, 0.2857, 0.0260

Inverse Universe

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



47.9574, 50.9830, 56.0289



86.1199, 91.9821, 101.4944



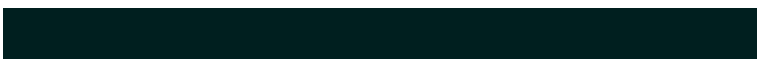
47.5279, 50.1240, 55.8857



10.3425, 11.0844, 12.2666



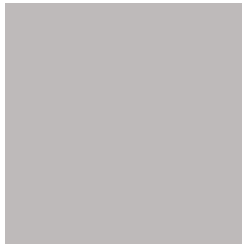
18.4025, 26.9166, 36.6184



0.7211, 1.0548, 1.4344

Previews

White Background



This preview shows how the XYZ color 47.6570, 49.6101, 53.5183 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 47.6570, 49.6101, 53.5183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

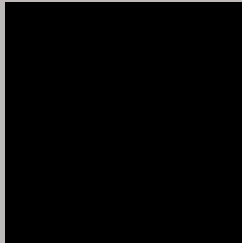
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

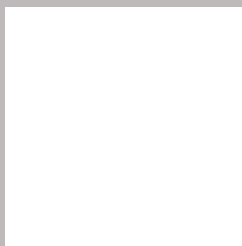
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.6570, 49.6101, 53.5183

Background



This preview shows how black text looks on a background with the XYZ color 47.6570, 49.6101, 53.5183.

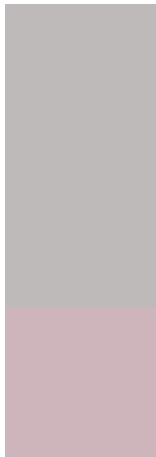


This preview shows how white text looks on a background with the XYZ color 47.6570, 49.6101,

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

47.6570, 49.6101, 53.5183

Protanopia

47.6570, 49.6101, 53.5183

Deuteranopia

50.6704, 49.6147, 53.9197



Tritanopia

49.1875, 49.6110, 61.0162

Trichromacy



Original Color

47.6570, 49.6101, 53.5183

Protanomaly

47.6570, 49.6101, 53.5183

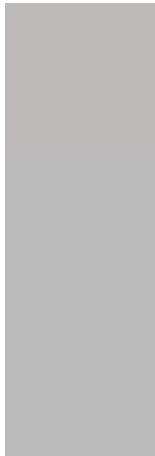
Deuteranomaly

49.7225, 49.7342, 53.9927

Tritanomaly

48.5724, 49.6693, 58.0660

Monochromacy



Original Color

47.6570, 49.6101, 53.5183

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.4790, 49.8199, 54.1275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6570, 49.6101, 53.5183 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, 186, 186) looks like.

```
.text, #text, p{  
    color:rgb(190, 186, 186)  
}
```

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, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 186, 186) }
```

Border

The CSS property to change the border of an element to XYZ 47.6570, 49.6101, 53.5183 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, 186, 186) }
```


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

```
.border{ border-color:rgb(190, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(190, 186,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6570, 49.6101, 53.5183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 186, 186) }
```

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

```
.background{ background-color: rgb(190,  
186, 186) }
```

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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