

Converting Colors

XYZ(47.5950, 51.4461, 55.6934)

Have a look what the booklet for
XYZ(47.5950, 51.4461, 55.6934)
contains.

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Color

**XYZ(47.5634, 51.4407,
55.5663)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C0BD
RGB	183, 192, 189
RGB Percent	72%, 75%, 74%
CMY	0.2823, 0.2470, 0.2588
CMYK	0.05, 0.00, 0.02, 0.25
HSL	160°, 7%, 74%
HSV	160°, 5%, 75%
XYZ	47.5634, 51.4407, 55.5663
YIQ	188.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

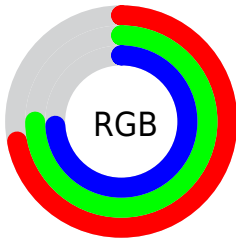
Format	Color
RYB	183, 188, 192
Decimal	12042429
CIELab	76.95, -3.66, 0.42
CIElCh	77, 3.689, 173.393
Yxy	51.4407, 0.3077, 0.3328
Android (android.graphics.Color)	4290232509 (0xFFB7C0BD)
YUV	188.9670, 0.0163, -5.2331
Hunter-Lab	71.7222, -7.1394, 4.2710

Details

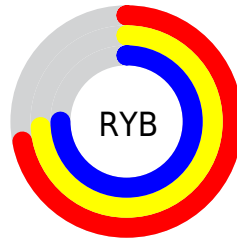
The XYZ color **47.5634, 51.4407, 55.5663** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5366, 48.6200, 53.3361**, and the grayscale version is **48.3539, 50.8720, 55.3996**.

A 20% lighter version of the original color is **85.6454, 92.0781, 99.6451**, and **22.8825, 24.9886, 26.9098** is the 20% darker color. If you saturate the color by 10%, you get **42.6247, 48.9747, 51.7865**, and if you desaturate by 10%, it is **53.1587, 54.2445, 59.5392**.

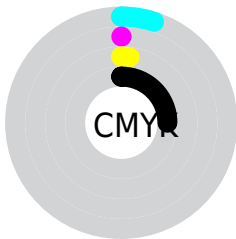
Distribution



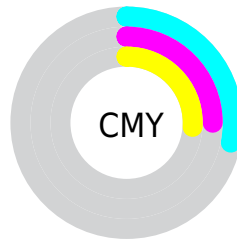
- Red (72%)
- Green (75%)
- Blue (74%)



- Red (72%)
- Yellow (74%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (28%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5634, 51.4407, 55.5663 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 47.5634, 51.4407, 55.5663 by changing the saturation by 10% instead.

■ 47.5634, 51.4407,
55.5663

■ 47.5634, 51.4407,
55.5663

367.6704,
392.2736, 425.3973

■ 33.6911, 36.5595,
39.4536

■ 85.7676, 92.3059,
99.8496

■ 22.8181, 24.8666,
26.8023

110.8302,
119.0586, 128.8574

■ 14.5792, 15.9777,
17.1937

140.3537,
150.5372, 163.0006

■ 8.6090, 9.5084,
10.2092

174.7033,
187.1263, 202.6978

■ 4.5421, 5.0742,
5.4305

214.2444,
229.2100, 248.3675

■ 2.0132, 2.2909,
2.4389

259.3424,

■ 0.6413, 0.7689,

277.1729, 300.4283

0.8075

310.3626,
331.3993, 359.2987

■ 0.0000, 0.0000,
0.0000

■ 47.5634, 51.4407,
55.5663

■ 47.5634, 51.4407,
55.5663

■ 42.6247, 48.9747,
51.7865

■ 53.1587, 54.2445,
59.5392

■ 38.3129, 46.8270,
48.1932

■ 59.4303, 57.3919,
63.7051

■ 34.6022, 44.9856,
44.7842

■ 66.4025, 60.8969,
68.0680

■ 31.4635, 43.4358,
41.5561

■ 72.3076, 63.8480,
72.5471

■ 28.8650, 42.1610,
38.5051

■ 73.1450, 64.1830,
76.9572

■ 26.7718, 41.1435,
35.6274

■ 74.0151, 64.5310,
81.5387

■ 25.1449, 40.3631,
32.9189

■ 74.9180, 64.8922,
86.2937

■ 23.9390, 39.7965,
30.3751

■ 75.8543, 65.2667,
91.2237

■ 23.0994, 39.4155,
27.9912

■ 76.8241, 65.6546,
96.3308

Harmonies

Analogous

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



47.8166, 51.4407, 53.7350



47.5634, 51.4407, 55.5663



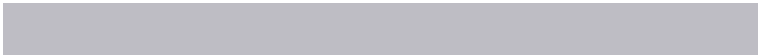
47.6637, 51.4407, 57.5601

Triad

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



47.5634, 51.4407, 55.5663



49.4311, 51.4407, 59.6359



49.7027, 51.4407, 52.9621

Complementary

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



47.5634, 51.4407, 55.5663



47.5366, 48.6200, 53.3361

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.



50.1430, 51.4407, 54.4884



47.5634, 51.4407, 55.5663



49.9851, 51.4407, 58.3486

Square

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



47.5634, 51.4407, 55.5663



48.7376, 51.4407, 59.9412



50.2468, 51.4407, 56.4564



49.0484, 51.4407, 52.2549

Rectangle

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



47.5634, 51.4407, 55.5663



47.9179, 51.4407, 58.7098



50.2468, 51.4407, 56.4564



49.8809, 51.4407, 53.3946

Sweetspot

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



47.5649, 51.4429, 55.5674



89.7631, 94.9999, 103.2826



47.6848, 51.5784, 52.2429



19.2682, 20.3861, 22.1654



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.



47.5649, 51.4429, 55.5674



84.8504, 92.5416, 99.6952



47.5991, 50.9843, 57.2040



10.5424, 11.5301, 12.4101



15.3409, 26.4304, 18.2202



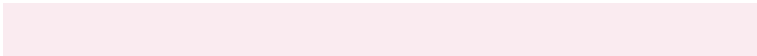
0.6937, 1.1543, 0.9500

Inverse Universe

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



47.5366, 48.6200, 53.3361



84.7844, 85.9541, 94.4882



47.5004, 49.0534, 51.7652



10.5336, 10.6473, 11.7124



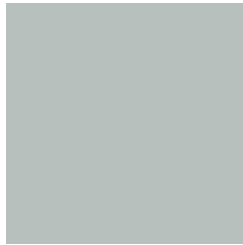
15.2837, 7.8032, 4.1401



0.6928, 0.3501, 0.3494

Previews

White Background



This preview shows how the XYZ color 47.5634, 51.4407, 55.5663 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 47.5634, 51.4407, 55.5663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

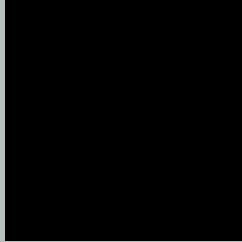
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

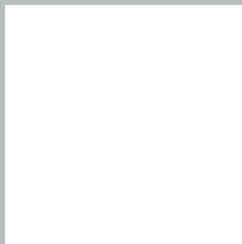
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5634, 51.4407, 55.5663

Background



This preview shows how black text looks on a background with the XYZ color 47.5634, 51.4407, 55.5663.



This preview shows how white text looks on a background with the XYZ color 47.5634, 51.4407,

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

47.5634, 51.4407, 55.5663

Protanopia

49.4154, 51.4524, 54.3405

Deuteranopia

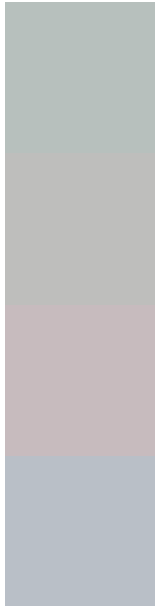
52.5569, 51.4525, 56.4515



Tritanopia

49.6826, 51.6738, 65.1131

Trichromacy



Original Color

47.5634, 51.4407, 55.5663

Protanomaly

48.7258, 51.4049, 54.9310

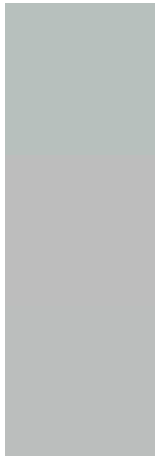
Deuteranomaly

50.6178, 51.4005, 55.9686

Tritanomaly

48.9472, 51.6994, 61.4320

Monochromacy



Original Color

47.5634, 51.4407, 55.5663

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.0923, 51.0658, 55.4661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5634, 51.4407, 55.5663 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(183, 192, 189)` looks like.

```
.text, #text, p{  
    color:rgb(183, 192, 189)  
}
```

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(183, 192, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 192, 189) }
```

Border

The CSS property to change the border of an element to XYZ 47.5634, 51.4407, 55.5663 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(183, 192, 189) }
```


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

```
.border{ border-color:rgb(183, 192, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 192, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 192, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 192, 189);  
box-shadow:4px 4px 4px 4px rgb(183, 192,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5634, 51.4407, 55.5663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 192, 189) }
```

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

```
.background{ background-color: rgb(183,  
192, 189) }
```

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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