

Converting Colors

XYZ(48.9275, 55.7832, 51.2600)

Have a look what the booklet for
XYZ(48.9275, 55.7832, 51.2600)
contains.

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Color

**XYZ(48.8872, 55.6036,
51.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CAB4
RGB	183, 202, 180
RGB Percent	72%, 79%, 71%
CMY	0.2823, 0.2078, 0.2941
CMYK	0.09, 0.00, 0.11, 0.21
HSL	112°, 17%, 75%
HSV	112°, 11%, 79%
XYZ	48.8872, 55.6036, 51.3360
YIQ	193.8110, -4.2620, -10.8700

Conversions

Conversions Part 2

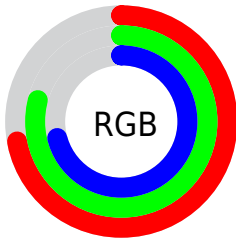
Format	Color
RYB	180, 202, 199
Decimal	12044980
CIELab	79.39, -10.54, 8.80
CIELCh	79, 13.733, 140.153
Yxy	55.6036, 0.3137, 0.3568
Android (android.graphics.Color)	4290235060 (0xFFB7CAB4)
YUV	193.8110, -6.8088, -9.4812
Hunter-Lab	74.5678, -13.4678, 11.3794

Details

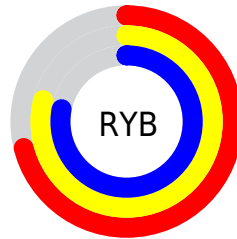
The XYZ color **48.8872, 55.6036, 51.3360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5373, 49.0505, 62.6840**, and the grayscale version is **51.2085, 53.8753, 58.6702**.

A 20% lighter version of the original color is **86.4969, 95.9269, 93.3137**, and **23.6266, 27.4579, 24.1333** is the 20% darker color. If you saturate the color by 10%, you get **43.0821, 52.8333, 41.0938**, and if you desaturate by 10%, it is **55.5098, 58.7639, 63.1844**.

Distribution



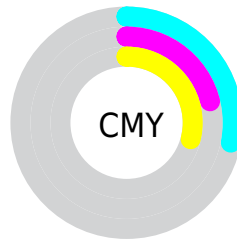
- Red (72%)
- Green (79%)
- Blue (71%)



- Red (71%)
- Yellow (79%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)



- Cyan (28%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8872, 55.6036, 51.3360 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 48.8872, 55.6036, 51.3360 by changing the saturation by 10% instead.

■ 48.8872, 55.6036,
51.3360

■ 48.8872, 55.6036,
51.3360

372.8224,
408.1959, 408.7516

■ 34.7442, 39.8852,
36.0975

■ 87.7256, 98.4248,
93.5678

■ 23.6315, 27.4490,
24.2192

113.1517,
126.2963, 121.3982

■ 15.1837, 17.9108,
15.2826

143.0696,
158.9877, 154.2630

■ 9.0356, 10.8859,
8.8691

177.8445,
196.8833, 192.5807

■ 4.8217, 5.9902,
4.5603

217.8419,
240.3675, 236.7699

■ 2.1767, 2.8391,
1.9375

263.4272,

■ 0.7304, 1.0483,

289.8248, 287.2491

0.5164

314.9655,
345.6394, 344.4368

■ 0.0000, 0.0000,
0.0000

■ 48.8872, 55.6036,
51.3360

■ 48.8872, 55.6036,
51.3360

■ 43.0821, 52.8333,
41.0938

■ 55.5098, 58.7639,
63.1844

■ 38.0581, 50.4309,
32.3851

■ 62.9751, 62.3210,
76.7000

■ 33.7832, 48.3831,
25.1374

■ 71.3132, 66.2906,
91.9453

■ 30.2210, 46.6729,
19.2705

■ 79.6023, 70.3060,
103.9827

■ 27.3324, 45.2820,
14.6967

■ 80.4116, 70.7232,
104.0205

■ 25.0741, 44.1902,
11.3184

■ 23.3980, 43.3752,
9.0238

■ 22.2484, 42.8111,
7.6802

■ 21.5880, 42.4836,
7.0624

Harmonies

Analogous

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



51.0460, 55.6036, 47.3922



48.8872, 55.6036, 51.3360



47.8018, 55.6036, 57.9861

Triad

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



48.8872, 55.6036, 51.3360



51.9491, 55.6036, 76.7486



57.9784, 55.6036, 55.4666

Complementary

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



48.8872, 55.6036, 51.3360



50.5373, 49.0505, 62.6840

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.



58.2407, 55.6036, 63.1737



48.8872, 55.6036, 51.3360



54.6951, 55.6036, 75.9257

Square

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



48.8872, 55.6036, 51.3360



49.5286, 55.6036, 72.9492



57.0204, 55.6036, 70.7895



56.3158, 55.6036, 49.6295

Rectangle

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



48.8872, 55.6036, 51.3360



47.8064, 55.6036, 63.2559



57.0204, 55.6036, 70.7895



58.2354, 55.6036, 57.9086

Sweetspot

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



48.8887, 55.6060, 51.3372



91.4534, 98.2854, 102.4300



52.9521, 56.5634, 51.3078



19.3738, 20.9413, 21.5635



0.0000, 0.0000, 0.0000



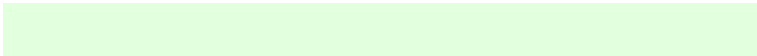
20.3446, 21.4041, 23.3091

Same Dimension

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



48.8887, 55.6060, 51.3372



80.4047, 93.0144, 82.7177



48.9894, 55.5647, 55.5521



11.2079, 12.6091, 11.9225



13.9350, 27.3591, 4.5464



0.7664, 1.4359, 0.2368

Inverse Universe

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



50.5373, 49.0505, 62.6840



83.7283, 79.7958, 105.5969



50.4517, 49.1091, 58.0378



11.5313, 11.3232, 14.1482



18.2143, 8.5974, 36.6557



0.9822, 0.4655, 1.8930

Previews

White Background



This preview shows how the XYZ color 48.8872, 55.6036, 51.3360 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 48.8872, 55.6036, 51.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

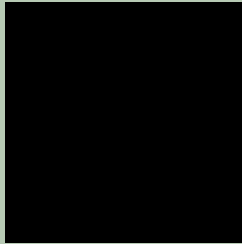
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8872, 55.6036, 51.3360

Background



This preview shows how black text looks on a background with the XYZ color 48.8872, 55.6036, 51.3360.

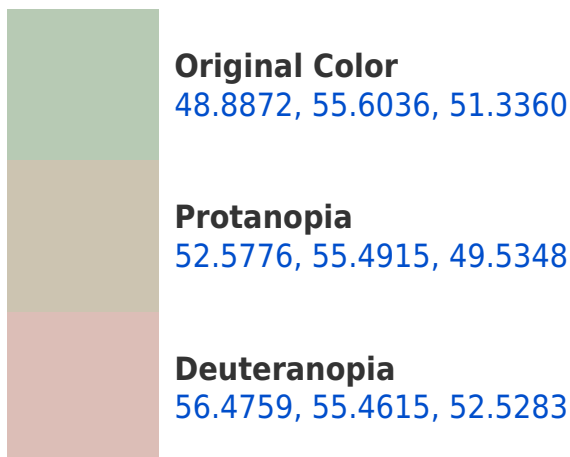


This preview shows how white text looks on a background with the XYZ color 48.8872, 55.6036,

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





Tritanopia

52.7155, 55.4280, 70.8711

Trichromacy



Original Color

48.8872, 55.6036, 51.3360

Protanomaly

50.9949, 55.3383, 50.1131

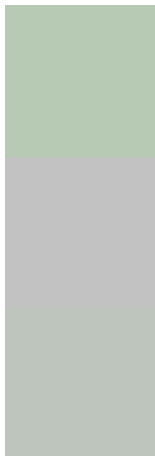
Deuteranomaly

53.4674, 55.2264, 52.0977

Tritanomaly

51.2157, 55.5030, 63.2721

Monochromacy



Original Color

48.8872, 55.6036, 51.3360

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.3868, 54.5538, 56.0184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8872, 55.6036, 51.3360 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, 202, 180)` looks like.

```
.text, #text, p{  
    color:rgb(183, 202, 180)  
}
```

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, 202, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 202, 180) }
```

Border

The CSS property to change the border of an element to XYZ 48.8872, 55.6036, 51.3360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

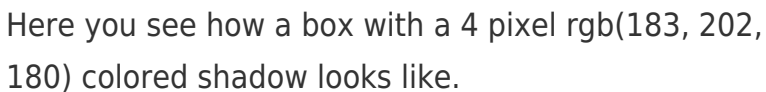
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 202, 180) }
```


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

```
.border{ border-color:rgb(183, 202, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 202, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 202, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 202, 180); box-shadow:4px 4px 4px 4px rgb(183, 202, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8872, 55.6036, 51.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 202, 180) }
```

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

```
.background{ background-color: rgb(183,  
202, 180) }
```

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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