

Converting Colors

XYZ(48.8028, 50.4648, 55.8837)

Have a look what the booklet for
XYZ(48.8028, 50.4648, 55.8837)
contains.

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Color

**XYZ(48.8028, 50.4648,
55.8837)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BBBE
RGB	192, 187, 190
RGB Percent	75%, 73%, 75%
CMY	0.2471, 0.2666, 0.2549
CMYK	0.00, 0.03, 0.01, 0.25
HSL	324°, 4%, 74%
HSV	324°, 3%, 75%
XYZ	48.8028, 50.4648, 55.8837
YIQ	188.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

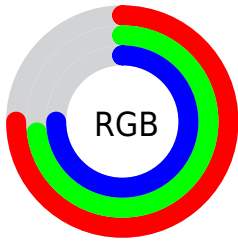
Format	Color
R_{YB}	192, 187, 190
Decimal	12630974
CIE Lab	76.35, 2.30, -0.90
CIE LCh	76, 2.473, 338.678
Yxy	50.4648, 0.3145, 0.3253
Android (android.graphics.Color)	4290821054 (0xFFC0BBBE)
YUV	188.8370, 0.5734, 2.7740
Hunter-Lab	71.0386, -1.6898, 3.0855

Details

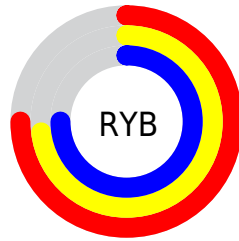
The XYZ color **48.8028, 50.4648, 55.8837** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5303, 51.9395, 55.6141**, and the grayscale version is **48.2739, 50.7879, 55.3080**.

A 20% lighter version of the original color is **87.3965, 90.7115, 100.0915**, and **23.6879, 24.3453, 27.1175** is the 20% darker color. If you saturate the color by 10%, you get **44.1813, 42.5302, 50.3082**, and if you desaturate by 10%, it is **54.0160, 59.5106, 61.8762**.

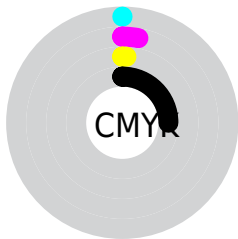
Distribution



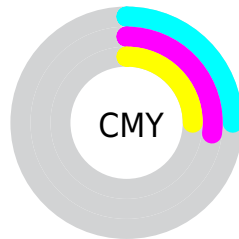
- Red (75%)
- Green (73%)
- Blue (75%)



- Red (75%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (25%)



- Cyan (25%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8028, 50.4648, 55.8837 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 48.8028, 50.4648, 55.8837 by changing the saturation by 10% instead.

■ 48.8028, 50.4648,
55.8837

■ 48.8028, 50.4648,
55.8837

372.4953,
388.4808, 426.6291

■ 34.6770, 35.7829,
39.7063

■ 87.6010, 90.8632,
100.3186

■ 23.5795, 24.2665,
26.9976

113.0040,
117.3484, 129.4132

■ 15.1450, 15.5315,
17.3390

142.8969,
148.5368, 163.6506

■ 9.0082, 9.1932,
10.3120

177.6449,
184.8128, 203.4494

■ 4.8037, 4.8674,
5.4980

217.6133,
226.5608, 249.2281

■ 2.1661, 2.1697,
2.4785

263.1677,

■ 0.7248, 0.7034,

274.1652, 301.4053

0.8287

314.6732,
328.0104, 360.3994

■ 0.0000, 0.0000,
0.0000

■ 48.8028, 50.4648,
55.8837

■ 48.8028, 50.4648,
55.8837

■ 44.1813, 42.5302,
50.3082

■ 54.0160, 59.5106,
61.8762

■ 40.1252, 35.6572,
45.1358

■ 59.8376, 69.7019,
68.2926

■ 36.6123, 29.8019,
40.3562

■ 66.2888, 81.0796,
75.1439

■ 33.6173, 24.9149,
35.9576

■ 70.5151, 87.9333,
81.4817

■ 31.1129, 20.9427,
31.9272

■ 71.5612, 88.3517,
86.9905

■ 29.0691, 17.8264,
28.2513

■ 72.6548, 88.7891,
92.7493

■ 27.4524, 15.5003,
24.9151

■ 73.7965, 89.2458,
98.7613

■ 26.2245, 13.8892,
21.9018

■ 74.9868, 89.7219,
105.0294

■ 25.3396, 12.9027,
19.1922

■ 75.5485, 89.9466,
107.9873

Harmonies

Analogous

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



48.5261, 50.4648, 56.9704



48.8028, 50.4648, 55.8837



48.8544, 50.4648, 54.5622

Triad

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



48.8028, 50.4648, 55.8837



47.8305, 50.4648, 52.4555



47.2708, 50.4648, 56.5630

Complementary

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



48.8028, 50.4648, 55.8837



48.5303, 51.9395, 55.6141

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.



47.0870, 50.4648, 55.3347



48.8028, 50.4648, 55.8837



47.4088, 50.4648, 52.9732

Square

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



48.8028, 50.4648, 55.8837



48.2910, 50.4648, 52.5971



47.1374, 50.4648, 54.0220



47.6410, 50.4648, 57.3670

Rectangle

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



48.8028, 50.4648, 55.8837



48.7538, 50.4648, 53.7282



47.1374, 50.4648, 54.0220



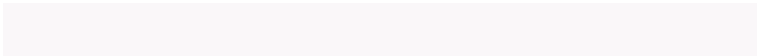
47.1853, 50.4648, 56.1853

Sweetspot

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



48.8042, 50.4670, 55.8848



89.8553, 93.9059, 102.9304



48.2729, 50.1676, 57.0089



19.2869, 20.1632, 22.0937



92.9021, 97.7402, 106.4391



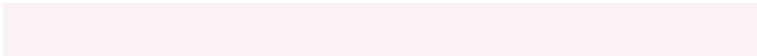
19.4759, 20.4902, 22.3138

Same Dimension

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



48.8042, 50.4670, 55.8848



88.0337, 90.7591, 100.7927



48.5336, 50.3587, 54.4594



10.9170, 11.2014, 12.4964



16.7550, 8.3918, 11.8878



0.7572, 0.3759, 0.6890

Inverse Universe

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



48.8042, 50.4670, 55.8848



88.0337, 90.7591, 100.7927



48.8038, 52.0489, 57.0543



10.9170, 11.2014, 12.4964



16.7550, 8.3918, 11.8878



0.7572, 0.3759, 0.6890

Previews

White Background



This preview shows how the XYZ color 48.8028, 50.4648, 55.8837 looks on a white background.

Color Contrast Check

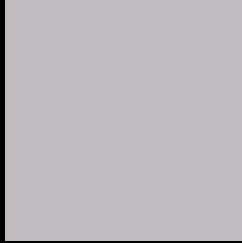
Large Text (above 18pt) WCAG AA × Fail

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 48.8028, 50.4648, 55.8837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

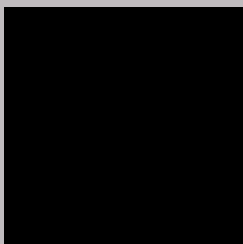
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

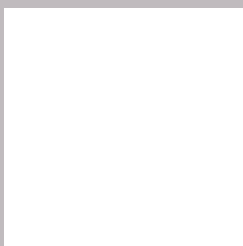
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.8028, 50.4648, 55.8837

Background



This preview shows how black text looks on a background with the XYZ color 48.8028, 50.4648, 55.8837.

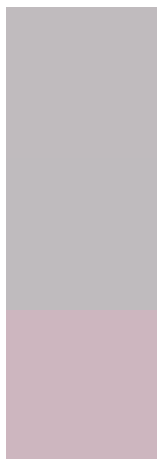


This preview shows how white text looks on a background with the XYZ color 48.8028, 50.4648,

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

48.8028, 50.4648, 55.8837

Protanopia

48.5504, 50.3347, 55.8719

Deuteranopia

51.3088, 50.1966, 56.2749



Tritanopia

50.0224, 50.3374, 61.7232

Trichromacy



Original Color

48.8028, 50.4648, 55.8837

Protanomaly

48.5504, 50.3347, 55.8719

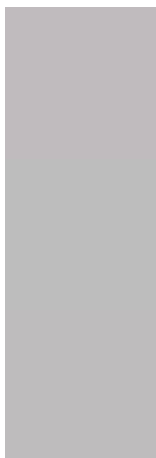
Deuteranomaly

50.3639, 50.3219, 56.3489

Tritanomaly

49.5150, 50.4408, 59.3509

Monochromacy



Original Color

48.8028, 50.4648, 55.8837

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.4037, 50.5877, 55.3574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8028, 50.4648, 55.8837 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(192, 187, 190) looks like.

```
.text, #text, p{  
    color:rgb(192, 187, 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(192, 187, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 187, 190) }
```

Border

The CSS property to change the border of an element to XYZ 48.8028, 50.4648, 55.8837 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(192, 187, 190) }
```


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

```
.border{ border-color:rgb(192, 187, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 187, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 187, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 187, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 187,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8028, 50.4648, 55.8837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 187, 190) }
```

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

```
.background{ background-color: rgb(192,  
187, 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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