

Converting Colors

XYZ(48.3832, 49.6244, 55.7462)

Have a look what the booklet for
XYZ(48.3832, 49.6244, 55.7462)
contains.

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Color

**XYZ(48.3815, 49.6221,
55.7432)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B9BE
RGB	192, 185, 190
RGB Percent	75%, 73%, 75%
CMY	0.2471, 0.2745, 0.2549
CMYK	0.00, 0.04, 0.01, 0.25
HSL	317°, 5%, 74%
HSV	317°, 4%, 75%
XYZ	48.3815, 49.6221, 55.7432
YIQ	187.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

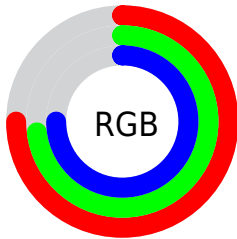
Format	Color
R_{YB}	192, 185, 190
Decimal	12630462
CIE Lab	75.84, 3.38, -1.66
CIE LCh	76, 3.761, 333.872
Yxy	49.6221, 0.3147, 0.3228
Android (android.graphics.Color)	4290820542 (0xFFC0B9BE)
YUV	187.6630, 1.1521, 3.8035
Hunter-Lab	70.4430, -0.6781, 2.3925

Details

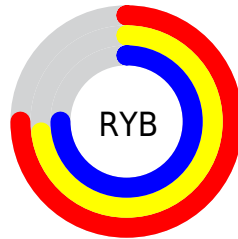
The XYZ color **48.3815, 49.6221, 55.7432** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8288, 51.6028, 54.4559**, and the grayscale version is **47.6027, 50.0817, 54.5390**.

A 20% lighter version of the original color is **86.8012, 89.5209, 99.8931**, and **23.4141, 23.7976, 27.0263** is the 20% darker color. If you saturate the color by 10%, you get **44.0448, 41.8902, 51.3937**, and if you desaturate by 10%, it is **53.2860, 58.4521, 60.3947**.

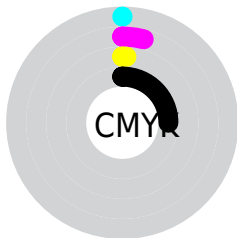
Distribution



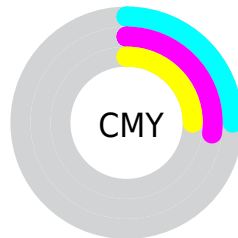
- Red (75%)
- Green (73%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3815, 49.6221, 55.7432 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 48.3815, 49.6221, 55.7432 by changing the saturation by 10% instead.

■ 48.3815, 49.6221,
55.7432

■ 48.3815, 49.6221,
55.7432

370.8598,
385.1863, 426.0841

■ 34.3416, 35.1132,
39.5945

■ 86.9784, 89.6147,
100.1111

■ 23.3203, 23.7501,
26.9111

112.2661,
115.8672, 129.1672

■ 14.9522, 15.1484,
17.2746

142.0339,
146.8031, 163.3630

■ 8.8719, 8.9236,
10.2665

176.6469,
182.8067, 203.1168

■ 4.7142, 4.6914,
5.4681

216.4707,
224.2624, 248.8473

■ 2.1136, 2.0673,
2.4609

261.8705,

■ 0.6966, 0.6462,

271.5547, 300.9730

0.8193

313.2118,
325.0678, 359.9124

■ 0.0000, 0.0000,
0.0000

■ 48.3815, 49.6221,
55.7432

■ 48.3815, 49.6221,
55.7432

■ 44.0448, 41.8902,
51.3937

■ 53.2860, 58.4521,
60.3947

■ 40.2499, 35.2068,
47.3344

■ 58.7747, 68.4147,
65.3530

■ 36.9749, 29.5279,
43.5575

■ 64.8686, 79.5507,
70.6269

■ 34.1948, 24.8037,
40.0534

■ 69.3768, 87.4780,
75.4872

■ 31.8825, 20.9805,
36.8117

■ 70.0811, 87.7597,
79.1957

■ 30.0081, 17.9991,
33.8212

■ 70.8091, 88.0509,
83.0294

■ 28.5382, 15.7930,
31.0694

■ 71.5611, 88.3517,
86.9894

■ 27.4345, 14.2860,
28.5423

■ 72.3373, 88.6622,
91.0770

■ 26.6506, 13.3858,
26.2230

■ 73.1380, 88.9824,
95.2932

Harmonies

Analogous

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



47.9175, 49.6221, 57.2899



48.3815, 49.6221, 55.7432



48.5182, 49.6221, 53.7705

Triad

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



48.3815, 49.6221, 55.7432



47.0736, 49.6221, 50.2794



46.0570, 49.6221, 56.2042

Complementary

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



48.3815, 49.6221, 55.7432



47.8288, 51.6028, 54.4559

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.



45.8358, 49.6221, 54.2904



48.3815, 49.6221, 55.7432



46.4191, 49.6221, 50.8962

Square

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



48.3815, 49.6221, 55.7432



47.7588, 49.6221, 50.6469



45.9677, 49.6221, 52.3523



46.5748, 49.6221, 57.5606

Rectangle

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



48.3815, 49.6221, 55.7432



48.4043, 49.6221, 52.4870



45.9677, 49.6221, 52.3523



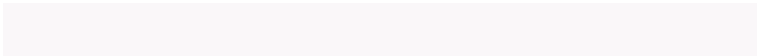
45.9457, 49.6221, 55.6030

Sweetspot

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



48.3829, 49.6242, 55.7443



89.8999, 93.9237, 103.1652



47.3548, 49.0688, 56.8454



19.2960, 20.1668, 22.1415



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.



48.3829, 49.6242, 55.7443



87.3154, 89.2872, 100.6621



48.0069, 49.4738, 53.7642



10.8401, 11.0353, 12.5083



17.7061, 8.7722, 16.8964



0.7935, 0.3904, 0.8800

Inverse Universe

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



48.3829, 49.6242, 55.7443



87.3154, 89.2872, 100.6621



48.2061, 51.7538, 56.4426



10.8401, 11.0353, 12.5083



17.7061, 8.7722, 16.8964



0.7935, 0.3904, 0.8800

Previews

White Background



This preview shows how the XYZ color 48.3815, 49.6221, 55.7432 looks on a white background.

Color Contrast Check

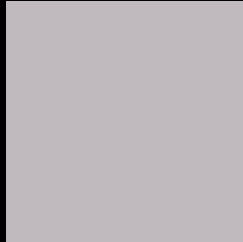
Large Text (above 18pt) WCAG AA × Fail

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 48.3815, 49.6221, 55.7432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

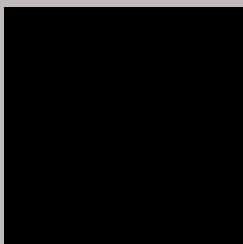
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

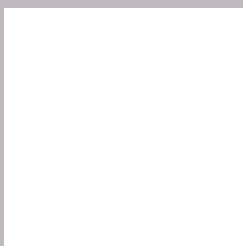
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3815, 49.6221, 55.7432

Background



This preview shows how black text looks on a background with the XYZ color 48.3815, 49.6221, 55.7432.



This preview shows how white text looks on a background with the XYZ color 48.3815, 49.6221,

55.7432.

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

48.3815, 49.6221, 55.7432

Protanopia

47.9491, 49.6982, 56.3557

Deuteranopia

50.5564, 49.5058, 56.1812



Tritanopia

49.3259, 49.6957, 60.4185

Trichromacy



Original Color

48.3815, 49.6221, 55.7432

Protanomaly

48.1981, 49.8265, 56.3674

Deuteranomaly

49.6851, 49.3596, 56.1989

Tritanomaly

48.9831, 49.5586, 58.6138

Monochromacy



Original Color

48.3815, 49.6221, 55.7432

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.9419, 50.0336, 55.2748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3815, 49.6221, 55.7432 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, 185, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 185, 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, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 185, 190) }
```

Border

The CSS property to change the border of an element to XYZ 48.3815, 49.6221, 55.7432 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, 185, 190) }
```


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

```
.border{ border-color:rgb(192, 185, 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, 185, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 185,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3815, 49.6221, 55.7432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 185, 190) }
```

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

```
.background{ background-color: rgb(192,  
185, 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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