

Converting Colors

XYZ(49.4706, 48.8208, 55.6979)

Have a look what the booklet for
XYZ(49.4706, 48.8208, 55.6979)
contains.

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Color

**XYZ(49.6376, 49.0448,
55.5656)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B5BE
RGB	200, 181, 190
RGB Percent	78%, 71%, 75%
CMY	0.2157, 0.2902, 0.2549
CMYK	0.00, 0.09, 0.05, 0.22
HSL	332°, 15%, 75%
HSV	332°, 9%, 78%
XYZ	49.6376, 49.0448, 55.5656
YIQ	187.7070, 8.4350, 6.8270

Conversions

Conversions Part 2

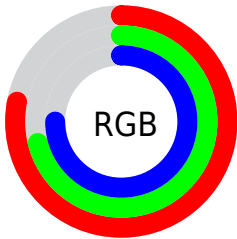
Format	Color
R _Y B	200, 181, 190
Decimal	13153726
CIE Lab	75.48, 8.34, -2.10
CIE LCh	75, 8.604, 345.856
Yxy	49.0448, 0.3218, 0.3180
Android (android.graphics.Color)	4291343806 (0xFFC8B5BE)
YUV	187.7070, 1.1304, 10.7810
Hunter-Lab	70.0320, 3.9621, 1.9798

Details

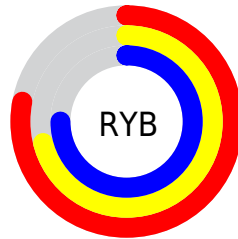
The XYZ color **49.6376, 49.0448, 55.5656** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1162, 54.8953, 57.3001**, and the grayscale version is **47.6254, 50.1056, 54.5650**.

A 20% lighter version of the original color is **88.1587, 88.4822, 99.6211**, and **24.0886, 23.3555, 26.9054** is the 20% darker color. If you saturate the color by 10%, you get **44.7500, 41.0447, 48.4629**, and if you desaturate by 10%, it is **55.1949, 58.2500, 63.3029**.

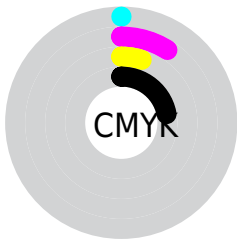
Distribution



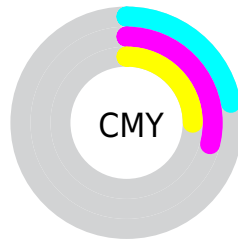
- Red (78%)
- Green (71%)
- Blue (75%)



- Red (78%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.6376, 49.0448, 55.5656 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 49.6376, 49.0448, 55.5656 by changing the saturation by 10% instead.


 49.6376, 49.0448,
55.5656

 49.6376, 49.0448,
55.5656

375.7225,
382.9187, 425.3946

 35.3421, 34.6550,
39.4531


 88.8327, 88.7580,
99.8486

 24.0943, 23.3973,
26.8018


114.4631,
114.8502, 128.8562

 15.5287, 14.8871,
17.1933


144.6026,
145.6120, 162.9992

 9.2800, 8.7402,
10.2090

179.6164,
181.4278, 202.6961

 4.9828, 4.5721,
5.4304

219.8699,
222.6819, 248.3656

 2.2718, 1.9985,
2.4388

265.7285,

 0.7802, 0.6066,

269.7589, 300.4262

0.8075

317.5576,
323.0430, 359.2963

■ 0.0000, 0.0000,
0.0000

■ 49.6376, 49.0448,
55.5656

■ 49.6376, 49.0448,
55.5656

■ 44.7500, 41.0447,
48.4629

■ 55.1949, 58.2500,
63.3029

■ 40.5015, 34.1931,
41.9741

■ 61.4427, 68.7011,
71.6884

■ 36.8651, 28.4383,
36.0820

■ 68.4060, 80.4449,
80.7389

■ 33.8103, 23.7223,
30.7673

■ 74.1616, 89.6323,
89.8213

■ 31.3037, 19.9815,
26.0093

■ 75.7036, 90.2491,
97.9414

■ 29.3085, 17.1454,
21.7857

■ 77.3367, 90.9023,
106.5415

■ 27.7829, 15.1337,
18.0723

■ 77.6298, 91.0195,
108.0847

■ 26.6778, 13.8519,
14.8419

■ 25.9074, 13.1320,
12.0545

Harmonies

Analogous

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



48.8398, 49.0448, 59.7222



49.6376, 49.0448, 55.5656



49.6130, 49.0448, 51.0492

Triad

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



49.6376, 49.0448, 55.5656



45.7869, 49.0448, 45.4282



44.5225, 49.0448, 59.9212

Complementary

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



49.6376, 49.0448, 55.5656



49.1162, 54.8953, 57.3001

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.



43.7414, 49.0448, 55.8249



49.6376, 49.0448, 55.5656



44.4600, 49.0448, 47.5432

Square

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



49.6376, 49.0448, 55.5656



47.3653, 49.0448, 45.3676



43.7188, 49.0448, 51.2942



45.8739, 49.0448, 62.3318

Rectangle

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



49.6376, 49.0448, 55.5656



49.1328, 49.0448, 48.4444



43.7188, 49.0448, 51.2942



44.1859, 49.0448, 58.6856

Sweetspot

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



49.6390, 49.0469, 55.5667



92.0162, 94.9591, 104.7236



48.3908, 48.2728, 61.4115



19.5257, 20.0440, 22.1800



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.



49.6390, 49.0469, 55.5667



84.4584, 82.4760, 94.0886



48.7500, 48.7945, 50.5674



10.8395, 10.7192, 12.1380



16.4950, 8.3476, 7.8167



0.8176, 0.4099, 0.5625

Inverse Universe

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



49.6390, 49.0469, 55.5667



84.4584, 82.4760, 94.0886



50.0640, 55.1572, 62.6522



10.8395, 10.7192, 12.1380



16.4950, 8.3476, 7.8167



0.8176, 0.4099, 0.5625

Previews

White Background



This preview shows how the XYZ color 49.6376, 49.0448, 55.5656 looks on a white background.

Color Contrast Check

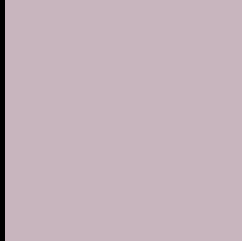
Large Text (above 18pt) WCAG AA × Fail

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 49.6376, 49.0448, 55.5656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

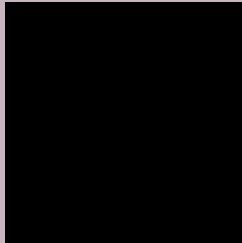
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.6376, 49.0448, 55.5656

Background



This preview shows how black text looks on a background with the XYZ color 49.6376, 49.0448, 55.5656.



This preview shows how white text looks on a background with the XYZ color 49.6376, 49.0448,

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

49.6376, 49.0448, 55.5656

Protanopia

47.3569, 49.0685, 56.8444

Deuteranopia

49.9726, 48.9168, 55.5232



Tritanopia

50.1463, 48.9551, 57.8452

Trichromacy



Original Color

49.6376, 49.0448, 55.5656

Protanomaly

48.2827, 49.2490, 56.2515

Deuteranomaly

49.7029, 48.7777, 55.5106

Tritanomaly

50.0343, 48.9103, 57.2556

Monochromacy



Original Color

49.6376, 49.0448, 55.5656

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.2725, 49.5785, 55.1695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6376, 49.0448, 55.5656 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(200, 181, 190)` looks like.

```
.text, #text, p{  
    color:rgb(200, 181, 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(200, 181, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 181, 190) }
```

Border

The CSS property to change the border of an element to XYZ 49.6376, 49.0448, 55.5656 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(200, 181, 190) }
```


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

```
.border{ border-color:rgb(200, 181, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 181, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 181, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 181, 190);  
box-shadow:4px 4px 4px 4px rgb(200, 181,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6376, 49.0448, 55.5656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 181, 190) }
```

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

```
.background{ background-color: rgb(200,  
181, 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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