

Converting Colors

XYZ(49.4670, 49.5146, 56.1865)

Have a look what the booklet for
XYZ(49.4670, 49.5146, 56.1865)
contains.

XYZ(49.6262, 49.6343, 56.2550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.6262, 49.6343,
56.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B7BF
RGB	198, 183, 191
RGB Percent	78%, 72%, 75%
CMY	0.2235, 0.2823, 0.2510
CMYK	0.00, 0.08, 0.04, 0.22
HSL	328°, 12%, 75%
HSV	328°, 8%, 78%
XYZ	49.6262, 49.6343, 56.2550
YIQ	188.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

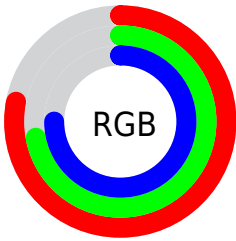
Format	Color
R_{YB}	198, 183, 191
Decimal	13023167
CIE Lab	75.84, 6.74, -2.13
CIE LCh	76, 7.068, 342.448
Yxy	49.6343, 0.3191, 0.3192
Android (android.graphics.Color)	4291213247 (0xFFC6B7BF)
YUV	188.3970, 1.2833, 8.4218
Hunter-Lab	70.4516, 2.4453, 1.9736

Details

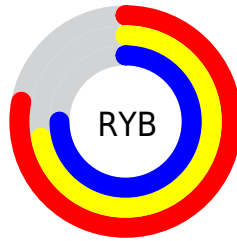
The XYZ color **49.6262, 49.6343, 56.2550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0187, 54.1746, 56.5911**, and the grayscale version is **48.0173, 50.5179, 55.0140**.

A 20% lighter version of the original color is **88.8950, 89.7084, 100.6259**, and **24.0717, 23.7295, 27.3563** is the 20% darker color. If you saturate the color by 10%, you get **44.8412, 41.6404, 49.7995**, and if you desaturate by 10%, it is **55.0527, 58.8072, 63.2422**.

Distribution



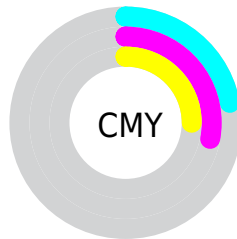
- Red (78%)
- Green (72%)
- Blue (75%)



- Red (78%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (22%)





- Cyan (22%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.6262, 49.6343, 56.2550 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 49.6262, 49.6343, 56.2550 by changing the saturation by 10% instead.


 49.6262, 49.6343,
56.2550

 49.6262, 49.6343,
56.2550


375.6785,
385.2341, 428.0671

 35.3331, 35.1229,
40.0020

 88.8159, 89.6328,
100.8668

 24.0873, 23.7576,
27.2263


114.4432,
115.8887, 130.0628

 15.5235, 15.1539,
17.5093


144.5793,
146.8282, 164.4101

 9.2763, 8.9275,
10.4325

179.5895,
182.8358, 204.3275

 4.9804, 4.6939,
5.5773

219.8391,
224.2958, 250.2333

 2.2704, 2.0688,
2.5252

265.6936,

 0.7794, 0.6470,

271.5925, 302.5461

0.8535

317.5183,
325.1105, 361.6845

■ 0.0000, 0.0000,
0.0000

■ 49.6262, 49.6343,
56.2550

■ 49.6262, 49.6343,
56.2550

■ 44.8412, 41.6404,
49.7995

■ 55.0527, 58.8072,
63.2422

■ 40.6685, 34.7709,
43.8584

■ 61.1402, 69.1979,
70.7715

■ 37.0827, 28.9764,
38.4180

■ 67.9123, 80.8517,
78.8568

■ 34.0551, 24.2013,
33.4624

■ 73.0485, 89.1257,
86.7300

■ 31.5544, 20.3851,
28.9749

■ 74.3662, 89.6528,
93.6688

■ 29.5458, 17.4605,
24.9374

■ 75.7535, 90.2077,
100.9744

■ 27.9905, 15.3518,
21.3301

■ 77.0991, 90.7460,
108.0599

■ 26.8429, 13.9702,
18.1309

■ 26.0385, 13.1891,
15.3108

Harmonies

Analogous

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



48.9019, 49.6343, 59.5606



49.6262, 49.6343, 56.2550



49.6864, 49.6343, 52.4984

Triad

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



49.6262, 49.6343, 56.2550



46.6334, 49.6343, 47.2807



45.3360, 49.6343, 59.0758

Complementary

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



49.6262, 49.6343, 56.2550



49.0187, 54.1746, 56.5911

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.



44.7514, 49.6343, 55.6182



49.6262, 49.6343, 56.2550



45.4911, 49.6343, 48.8777

Square

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



49.6262, 49.6343, 56.2550



47.9420, 49.6343, 47.4334



44.8076, 49.6343, 51.8904



46.4181, 49.6343, 61.2404

Rectangle

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



49.6262, 49.6343, 56.2550



49.3404, 49.6343, 50.2530



44.8076, 49.6343, 51.8904



45.0757, 49.6343, 58.0195

Sweetspot

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



49.6276, 49.6365, 56.2561



93.0636, 96.6367, 106.3587



48.3636, 48.8937, 60.3153



19.9403, 20.7195, 22.7919



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.



49.6276, 49.6365, 56.2561



86.4835, 85.5505, 97.7717



48.8234, 49.3148, 52.0210



10.8663, 10.7299, 12.2791



16.8664, 8.4961, 9.7725



0.8350, 0.4168, 0.6542

Inverse Universe

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



49.6276, 49.6365, 56.2561



86.4835, 85.5505, 97.7717



49.8596, 54.5109, 61.0189



10.8663, 10.7299, 12.2791



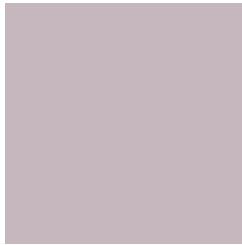
16.8664, 8.4961, 9.7725



0.8350, 0.4168, 0.6542

Previews

White Background



This preview shows how the XYZ color 49.6262, 49.6343, 56.2550 looks on a white background.

Color Contrast Check

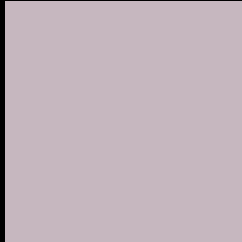
Large Text (above 18pt) WCAG AA × Fail

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 49.6262, 49.6343, 56.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

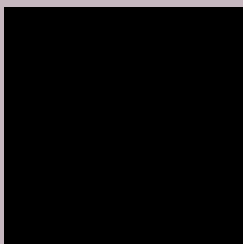
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

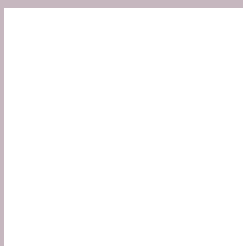
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.6262, 49.6343, 56.2550

Background



This preview shows how black text looks on a background with the XYZ color 49.6262, 49.6343, 56.2550.



This preview shows how white text looks on a background with the XYZ color 49.6262, 49.6343,

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

49.6262, 49.6343, 56.2550

Protanopia

48.1708, 49.7869, 57.5230

Deuteranopia

50.5564, 49.5058, 56.1812



Tritanopia

50.2449, 49.5835, 59.1469

Trichromacy



Original Color

49.6262, 49.6343, 56.2550

Protanomaly

48.6016, 49.7102, 56.9026

Deuteranomaly

50.2193, 49.6350, 56.2239

Tritanomaly

50.0187, 49.4931, 57.9558

Monochromacy



Original Color

49.6262, 49.6343, 56.2550

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.4824, 49.9984, 55.2395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6262, 49.6343, 56.2550 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(198, 183, 191)` looks like.

```
.text, #text, p{  
    color:rgb(198, 183, 191)  
}
```

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(198, 183, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 183, 191) }
```

Border

The CSS property to change the border of an element to XYZ 49.6262, 49.6343, 56.2550 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(198, 183, 191) }
```


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

```
.border{ border-color:rgb(198, 183, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 183, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 183, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 183, 191);  
box-shadow:4px 4px 4px 4px rgb(198, 183,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6262, 49.6343, 56.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 183, 191) }
```

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

```
.background{ background-color: rgb(198,  
183, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor