

Converting Colors

XYZ(49.7281, 49.6507, 60.1671)

Have a look what the booklet for
XYZ(49.7281, 49.6507, 60.1671)
contains.

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Color

**XYZ(49.6322, 49.5463,
60.3736)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B7C6
RGB	195, 183, 198
RGB Percent	76%, 72%, 78%
CMY	0.2353, 0.2823, 0.2235
CMYK	0.02, 0.08, 0.00, 0.22
HSL	288°, 12%, 75%
HSV	288°, 8%, 78%
XYZ	49.6322, 49.5463, 60.3736
YIQ	188.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

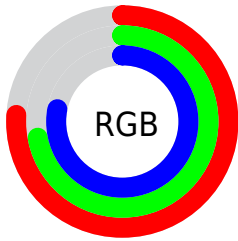
Format	Color
R_{YB}	195, 183, 198
Decimal	12826566
CIE Lab	75.79, 6.99, -6.05
CIE LCh	76, 9.244, 319.120
Yxy	49.5463, 0.3111, 0.3105
Android (android.graphics.Color)	4291016646 (0xFFC3B7C6)
YUV	188.2980, 4.7831, 5.8777
Hunter-Lab	70.3891, 2.6815, -1.5813

Details

The XYZ color **49.6322, 49.5463, 60.3736** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9929, 54.2475, 52.6909**, and the grayscale version is **47.9433, 50.4401, 54.9292**.

A 20% lighter version of the original color is **89.0614, 89.6485, 107.2176**, and **24.0012, 23.6416, 29.6838** is the 20% darker color. If you saturate the color by 10%, you get **44.8227, 41.4259, 59.0604**, and if you desaturate by 10%, it is **55.0462, 58.8339, 61.8817**.

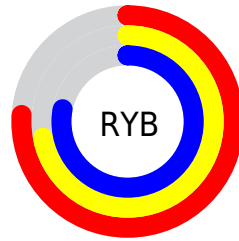
Distribution



Red (76%)

Green (72%)

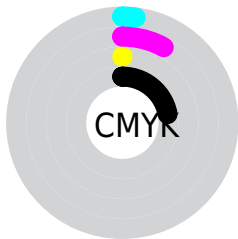
Blue (78%)



Red (76%)

Yellow (72%)

Blue (78%)

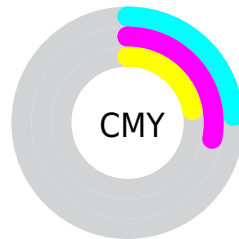


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (22%)



Cyan (24%)

Magenta (28%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.6322, 49.5463, 60.3736 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 49.6322, 49.5463, 60.3736 by changing the saturation by 10% instead.

■ 49.6322, 49.5463,
60.3736

■ 49.6322, 49.5463,
60.3736

375.7017,
384.8890, 443.8163

■ 35.3378, 35.0530,
43.2926

■ 88.8248, 89.5023,
106.9201

■ 24.0910, 23.7037,
29.7816

114.4537,
115.7338, 137.2227

■ 15.5262, 15.1140,
19.4223

144.5915,
146.6469, 172.7695

■ 9.2782, 8.8994,
11.7959

179.6036,
182.6258, 213.9791

■ 4.9817, 4.6756,
6.4840

219.8553,
224.0552, 261.2700

■ 2.2712, 2.0582,
3.0680

265.7120,

■ 0.7798, 0.6410,

271.3192, 315.0609

1.1295

317.5390,
324.8024, 375.7701

■ 0.0000, 0.0000,
0.0000

■ 49.6322, 49.5463,
60.3736

■ 49.6322, 49.5463,
60.3736

■ 44.8227, 41.4259,
59.0604

■ 55.0462, 58.8339,
61.8817

■ 40.5894, 34.4187,
57.9310

■ 61.0831, 69.3274,
63.5890

■ 36.9080, 28.4754,
56.9779

■ 67.7657, 81.0716,
65.5036

■ 33.7507, 23.5410,
56.1919

■ 72.7727, 89.4232,
66.8517

■ 31.0872, 19.5553,
55.5629

■ 73.9205, 90.0149,
66.9054

■ 28.8842, 16.4516,
55.0800

■ 75.0964, 90.6212,
66.9605

■ 27.1035, 14.1544,
54.7304

■ 76.3007, 91.2420,
67.0168

■ 25.7011, 12.5755,
54.4996

■ 77.5335, 91.8775,
67.0745

■ 24.6136, 11.5887,
54.3664

■ 78.7951, 92.5279,
67.1336

Harmonies

Analogous

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



48.1817, 49.5463, 63.3808



49.6322, 49.5463, 60.3736



50.4085, 49.5463, 55.7514

Triad

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



49.6322, 49.5463, 60.3736



47.7180, 49.5463, 45.1868



44.0420, 49.5463, 57.1034

Complementary

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



49.6322, 49.5463, 60.3736



48.9929, 54.2475, 52.6909

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.



43.9247, 49.5463, 52.1829



49.6322, 49.5463, 60.3736



46.0194, 49.5463, 45.5000

Square

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



49.6322, 49.5463, 60.3736



49.2857, 49.5463, 47.1113



44.6405, 49.5463, 47.9944



44.9650, 49.5463, 61.4149

Rectangle

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



49.6322, 49.5463, 60.3736



50.4270, 49.5463, 52.4629



44.6405, 49.5463, 47.9944



43.9079, 49.5463, 55.4598

Sweetspot

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



49.6336, 49.5484, 60.3747



93.0702, 96.5961, 108.3473



47.3352, 49.3700, 60.4614



19.9416, 20.7112, 23.1966



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.



49.6336, 49.5484, 60.3747



86.4918, 85.3610, 106.5255



49.9333, 49.7587, 57.8658



10.8672, 10.7053, 13.4111



15.9198, 7.4412, 35.3416



0.8082, 0.3804, 1.6760

Inverse Universe

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



49.0869, 49.4202, 53.4088



85.3443, 85.0948, 91.7728



48.7207, 54.0553, 55.0221



10.7192, 10.6711, 11.5045



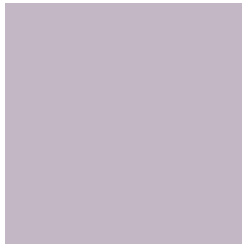
15.4148, 7.9155, 2.1285



0.7563, 0.3853, 0.2396

Previews

White Background



This preview shows how the XYZ color 49.6322, 49.5463, 60.3736 looks on a white background.

Color Contrast Check

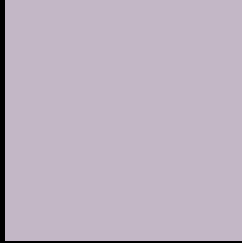
Large Text (above 18pt) WCAG AA × Fail

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 49.6322, 49.5463, 60.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

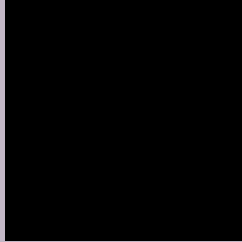
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.6322, 49.5463, 60.3736

Background



This preview shows how black text looks on a background with the XYZ color 49.6322, 49.5463, 60.3736.



This preview shows how white text looks on a background with the XYZ color 49.6322, 49.5463,

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

49.6322, 49.5463, 60.3736

Protanopia

48.2339, 49.7270, 61.6997

Deuteranopia

50.5363, 49.4043, 60.2985



Tritanopia

49.6322, 49.5463, 60.3736

Trichromacy



Original Color

49.6322, 49.5463, 60.3736

Protanomaly

48.6440, 49.6403, 61.0505

Deuteranomaly

50.2097, 49.5389, 60.3417

Tritanomaly

49.6322, 49.5463, 60.3736

Monochromacy



Original Color

49.6322, 49.5463, 60.3736

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.5592, 49.9999, 56.9608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6322, 49.5463, 60.3736 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(195, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(195, 183, 198)  
}
```

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(195, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 183, 198) }
```

Border

The CSS property to change the border of an element to XYZ 49.6322, 49.5463, 60.3736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

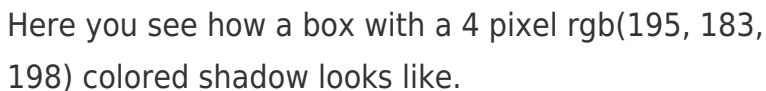
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 183, 198) }
```


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

```
.border{ border-color:rgb(195, 183, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 183, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 183, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 183, 198); box-shadow:4px 4px 4px 4px rgb(195, 183, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6322, 49.5463, 60.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 183, 198) }
```

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

```
.background{ background-color: rgb(195,  
183, 198) }
```

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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