

Converting Colors

XYZ(49.9764, 49.3099, 64.9454)

Have a look what the booklet for
XYZ(49.9764, 49.3099, 64.9454)
contains.

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Color

**XYZ(49.9955, 49.3330,
64.6448)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B6CD
RGB	194, 182, 205
RGB Percent	76%, 71%, 80%
CMY	0.2392, 0.2863, 0.1961
CMYK	0.05, 0.11, 0.00, 0.20
HSL	271°, 19%, 76%
HSV	271°, 11%, 80%
XYZ	49.9955, 49.3330, 64.6448
YIQ	188.2100, -0.2310, 9.6970

Conversions

Conversions Part 2

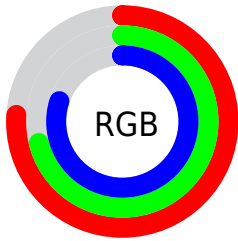
Format	Color
RYB	194, 182, 205
Decimal	12760781
CIELab	75.66, 8.54, -10.06
CIELCh	76, 13.197, 310.309
Yxy	49.3330, 0.3049, 0.3009
Android (android.graphics.Color)	4290950861 (0xFFC2B6CD)
YUV	188.2100, 8.2775, 5.0778
Hunter-Lab	70.2375, 4.1420, -5.4028

Details

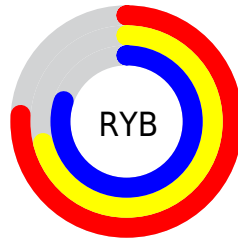
The XYZ color **49.9955, 49.3330, 64.6448** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2690, 58.3788, 52.7718**, and the grayscale version is **47.8750, 50.3683, 54.8510**.

A 20% lighter version of the original color is **88.4082, 88.8783, 107.1034**, and **24.2514, 23.5103, 32.5379** is the 20% darker color. If you saturate the color by 10%, you get **43.6669, 40.2888, 63.2334**, and if you desaturate by 10%, it is **57.1077, 59.6962, 66.2710**.

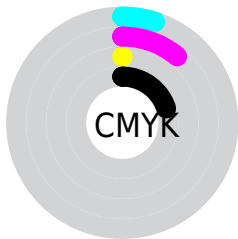
Distribution



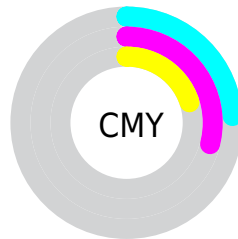
- Red (76%)
- Green (71%)
- Blue (80%)



- Red (76%)
- Yellow (71%)
- Blue (80%)



- Cyan (5%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.9955, 49.3330, 64.6448 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 49.9955, 49.3330, 64.6448 by changing the saturation by 10% instead.

■ 49.9955, 49.3330,
64.6448

■ 49.9955, 49.3330,
64.6448

377.1006,
384.0518, 459.7857

■ 35.6276, 34.8837,
46.7236

■ 89.3601, 89.1858,
113.1474

■ 24.3155, 23.5733,
32.4644

115.0875,
115.3582, 144.5659

■ 15.6938, 15.0174,
21.4487

145.3321,
146.2070, 181.3206

■ 9.3972, 8.8316,
13.2580

180.4592,
182.1166, 223.8300

■ 5.0604, 4.6315,
7.4736

220.8343,
223.4715, 272.5127

■ 2.3178, 2.0327,
3.6771

266.8227,

■ 0.8038, 0.6264,

270.6561, 327.7871

1.4499

318.7896,
324.0547, 390.0720

■ 0.0000, 0.0000,
0.1802

■ 0.0000, 0.0000,
0.0000

■ 49.9955, 49.3330,
64.6448

■ 49.9955, 49.3330,
64.6448

■ 43.6669, 40.2888,
63.2334

■ 57.1077, 59.6962,
66.2710

■ 38.0877, 32.5024,
62.0245

■ 65.0272, 71.4237,
68.1172

■ 33.2276, 25.9172,
61.0096

■ 73.7820, 84.5661,
70.1925

■ 29.0523, 20.4697,
60.1782

■ 80.4570, 93.2892,
71.5245

■ 25.5244, 16.0901,
59.5188

■ 83.7519, 94.9878,
71.6787

■ 22.6024, 12.7010,
59.0186

■ 87.2276, 96.7796,
71.8413

■ 20.2393, 10.2138,
58.6631

■ 88.0196, 97.1878,
71.8784

■ 18.3796, 8.5232,
58.4348

■ 17.0764, 7.5302,
58.3118

Harmonies

Analogous

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



47.7355, 49.3330, 68.0731



49.9955, 49.3330, 64.6448



51.4543, 49.3330, 58.3784

Triad

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



49.9955, 49.3330, 64.6448



48.4907, 49.3330, 42.0149



42.4167, 49.3330, 56.1598

Complementary

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



49.9955, 49.3330, 64.6448



52.2690, 58.3788, 52.7718

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.



42.6031, 49.3330, 49.3072



49.9955, 49.3330, 64.6448



46.0536, 49.3330, 41.5331

Square

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



49.9955, 49.3330, 64.6448



50.5648, 49.3330, 45.4713



43.9150, 49.3330, 44.0927



43.3968, 49.3330, 62.8998

Rectangle

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



49.9955, 49.3330, 64.6448



51.7471, 49.3330, 53.6427



43.9150, 49.3330, 44.0927



42.3459, 49.3330, 53.7879

Sweetspot

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



49.9970, 49.3351, 64.6459



91.3245, 94.5284, 108.0402



49.4085, 52.5463, 65.2967



19.3385, 19.9274, 23.0771



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.



49.9970, 49.3351, 64.6459



79.7766, 77.7586, 105.4120



52.8794, 50.8264, 64.5395



11.1508, 11.1270, 14.1304



10.7410, 4.7447, 36.3060



0.6415, 0.2898, 1.8771

Inverse Universe

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



51.5322, 50.2875, 57.4450



82.7109, 79.5787, 91.6638



49.6077, 57.0023, 52.8543



11.4321, 11.3016, 12.8098



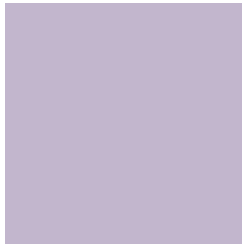
17.0951, 8.6486, 8.2193



0.9202, 0.4615, 0.6256

Previews

White Background



This preview shows how the XYZ color 49.9955, 49.3330, 64.6448 looks on a white background.

Color Contrast Check

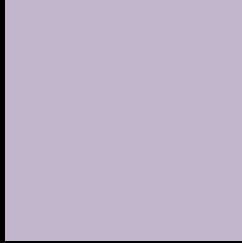
Large Text (above 18pt) WCAG AA × Fail

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 49.9955, 49.3330, 64.6448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

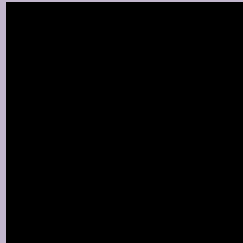
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.9955, 49.3330, 64.6448

Background



This preview shows how black text looks on a background with the XYZ color 49.9955, 49.3330, 64.6448.



This preview shows how white text looks on a background with the XYZ color 49.9955, 49.3330,

64.6448.

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

49.9955, 49.3330, 64.6448

Protanopia

48.3786, 49.3933, 66.0155

Deuteranopia

50.3083, 49.1913, 64.6009



Tritanopia

49.1188, 49.2816, 60.3495

Trichromacy



Original Color

49.9955, 49.3330, 64.6448

Protanomaly

49.0201, 49.4286, 65.3496

Deuteranomaly

50.0490, 49.0576, 64.5888

Tritanomaly

49.4684, 49.4215, 62.1904

Monochromacy



Original Color

49.9955, 49.3330, 64.6448

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.5317, 49.9600, 58.1243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9955, 49.3330, 64.6448 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(194, 182, 205)` looks like.

```
.text, #text, p{  
    color:rgb(194, 182, 205)  
}
```

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(194, 182, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 182, 205) }
```

Border

The CSS property to change the border of an element to XYZ 49.9955, 49.3330, 64.6448 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(194, 182, 205) }
```


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

```
.border{ border-color:rgb(194, 182, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 182, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 182, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 182, 205);  
box-shadow:4px 4px 4px 4px rgb(194, 182,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9955, 49.3330, 64.6448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 182, 205) }
```

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

```
.background{ background-color: rgb(194,  
182, 205) }
```

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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