

Converting Colors

XYZ(31.9538, 24.6151, 23.5312)

Have a look what the booklet for
XYZ(31.9538, 24.6151, 23.5312)
contains.

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Color

**XYZ(31.9386, 24.6162,
23.4901)**

Conversions

Conversions Part 1

Format	Color
Hex	C27080
RGB	194, 112, 128
RGB Percent	76%, 44%, 50%
CMY	0.2392, 0.5608, 0.4980
CMYK	0.00, 0.42, 0.34, 0.24
HSL	348°, 40%, 60%
HSV	348°, 42%, 76%
XYZ	31.9386, 24.6162, 23.4901
YIQ	138.3420, 43.7360, 22.3600

Conversions

Conversions Part 2

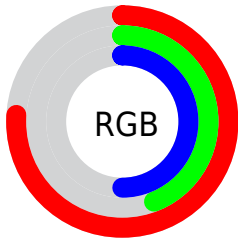
Format	Color
R_{YB}	194, 112, 128
Decimal	12742784
CIE _{Lab}	56.70, 34.25, 5.39
CIE _{LCh}	57, 34.675, 8.947
Yxy	24.6162, 0.3990, 0.3075
Android (android.graphics.Color)	4290932864 (0xFFC27080)
YUV	138.3420, -5.0986, 48.8121
Hunter-Lab	49.6147, 28.0805, 6.6594

Details

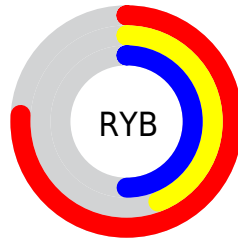
The XYZ color **31.9386, 24.6162, 23.4901** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **34.0110, 45.2433, 49.0623**, and the grayscale version is **24.2959, 25.5612, 27.8362**.

A 20% lighter version of the original color is **61.9405, 50.9419, 50.2842**, and **13.6151, 9.4130, 8.4964** is the 20% darker color. If you saturate the color by 10%, you get **29.0741, 20.4074, 17.8486**, and if you desaturate by 10%, it is **35.4238, 29.8130, 30.1195**.

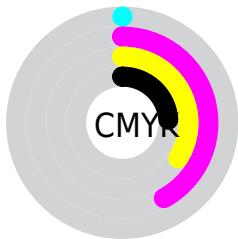
Distribution



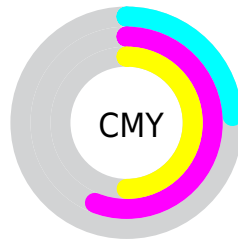
- Red (76%)
- Green (44%)
- Blue (50%)



- Red (76%)
- Yellow (44%)
- Blue (50%)



- Cyan (0%)
- Magenta (42%)
- Yellow (34%)
- Black (24%)





- Cyan (24%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9386, 24.6162, 23.4901 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 31.9386, 24.6162, 23.4901 by changing the saturation by 10% instead.


 31.9386, 24.6162,
23.4901


 31.9386, 24.6162,
23.4901


302.5897,
275.9212, 283.4354


 21.4699, 15.7913,
14.7471


 62.0807, 51.0339,
50.1302


 13.5823, 9.3766,
8.4975


 82.4848, 69.3955,
68.8644

 7.9105, 4.9876,
4.3226


 106.9314, 91.7049,
91.7660

 4.0891, 2.2400,
1.8039

 135.7859,
118.3463, 119.2537

 1.7526, 0.7417,
0.4305

169.4136,
149.7043, 151.7459

 0.4889, 0.0000,
0.0000

208.1799,

 0.0000, 0.0000,

186.1632, 189.6613

0.0000

252.4502,
228.1073, 233.4183

■ 31.9386, 24.6162,
23.4901

■ 31.9386, 24.6162,
23.4901

■ 29.0741, 20.4074,
17.8486

■ 35.4238, 29.8130,
30.1195

■ 26.7912, 17.1202,
13.1455

■ 39.5616, 36.0512,
37.7799

■ 25.0493, 14.6860,
9.3294


■ 44.3843, 43.3850,
46.5137


■ 23.8017, 13.0246,
6.3428


■ 49.9212, 51.8635,
56.3603


■ 22.9931, 12.0408,
4.1212


■ 56.2001, 61.5330,
67.3574

 22.5955, 11.6083,
2.8704

 63.2471, 72.4370,
79.5405

 71.0871, 84.6171,
92.9439

 75.7258, 90.0764,
106.2610

 76.0582, 90.2094,
108.0112

Harmonies

Analogous

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



31.4198, 24.6162, 35.6139



31.9386, 24.6162, 23.4901



29.9723, 24.6162, 15.1108

Triad

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



31.9386, 24.6162, 23.4901



18.8464, 24.6162, 12.9582



20.7163, 24.6162, 53.3826

Complementary

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



31.9386, 24.6162, 23.4901



34.0110, 45.2433, 49.0623

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.



17.8613, 24.6162, 43.3579



31.9386, 24.6162, 23.4901



16.8712, 24.6162, 19.5800

Square

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



31.9386, 24.6162, 23.4901



22.2097, 24.6162, 10.2873



16.5326, 24.6162, 30.4133



24.6258, 24.6162, 55.3277

Rectangle

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



31.9386, 24.6162, 23.4901



27.6364, 24.6162, 11.9061



16.5326, 24.6162, 30.4133



19.6149, 24.6162, 50.7320

Sweetspot

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



31.9393, 24.6174, 23.4906



79.5367, 77.2656, 82.6974



33.8011, 24.9024, 54.0642



16.9688, 16.2362, 17.3015



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.



31.9393, 24.6174, 23.4906



52.8884, 37.2840, 32.7661



34.0625, 30.4182, 19.4068



10.1517, 10.1093, 10.8895



14.8793, 7.6415, 2.0106



0.6674, 0.3400, 0.2161

Inverse Universe

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



31.9393, 24.6174, 23.4906



52.8884, 37.2840, 32.7661



30.6832, 35.8658, 56.3446



10.1517, 10.1093, 10.8895



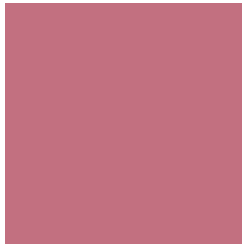
14.8793, 7.6415, 2.0106



0.6674, 0.3400, 0.2161

Previews

White Background



This preview shows how the XYZ color 31.9386, 24.6162, 23.4901 looks on a white background.

Color Contrast Check

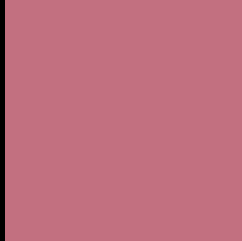
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9386, 24.6162, 23.4901 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 × Fail

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

XYZ 31.9386, 24.6162, 23.4901

Background



This preview shows how black text looks on a background with the XYZ color 31.9386, 24.6162, 23.4901.

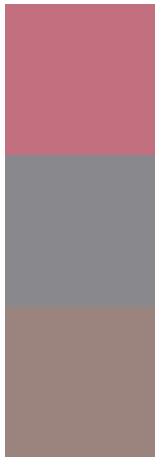


This preview shows how white text looks on a background with the XYZ color 31.9386, 24.6162,

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

31.9386, 24.6162, 23.4901

Protanopia

23.9284, 24.8498, 28.7346

Deuteranopia

25.2794, 24.8532, 22.8668



Tritanopia

31.3486, 24.5282, 21.1713

Trichromacy



Original Color

31.9386, 24.6162, 23.4901

Protanomaly

26.1339, 24.2254, 26.5911

Deuteranomaly

27.4617, 24.6086, 23.0412

Tritanomaly

31.5355, 24.6029, 22.1555

Monochromacy



Original Color

31.9386, 24.6162, 23.4901

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.2539, 24.6908, 25.9363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9386, 24.6162, 23.4901 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, 112, 128)` looks like.

```
.text, #text, p{  
    color:rgb(194, 112, 128)  
}
```

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, 112, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 112, 128) }
```

Border

The CSS property to change the border of an element to XYZ 31.9386, 24.6162, 23.4901 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, 112, 128) }
```


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

```
.border{ border-color:rgb(194, 112, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 112, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 112, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 112, 128);  
box-shadow:4px 4px 4px 4px rgb(194, 112,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9386, 24.6162, 23.4901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 112, 128) }
```

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

```
.background{ background-color: rgb(194,  
112, 128) }
```

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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