

Converting Colors

XYZ(31.7172, 22.1428, 15.4343)

Have a look what the booklet for
XYZ(31.7172, 22.1428, 15.4343)
contains.

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Color

**XYZ(31.7172, 22.1428,
15.4343)**

Conversions

Conversions Part 1

Format	Color
Hex	CD5F67
RGB	205, 95, 103
RGB Percent	80%, 37%, 40%
CMY	0.1961, 0.6274, 0.5961
CMYK	0.00, 0.54, 0.50, 0.20
HSL	356°, 52%, 59%
HSV	356°, 54%, 80%
XYZ	31.7172, 22.1428, 15.4343
YIQ	128.8020, 62.9920, 25.8080

Conversions

Conversions Part 2

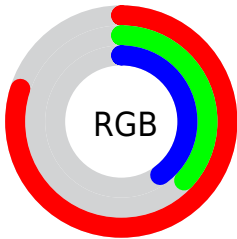
Format	Color
R_{YB}	205, 95, 103
Decimal	13459303
CIE _{Lab}	54.18, 44.32, 16.72
CIE _{LCh}	54, 47.363, 20.666
Yxy	22.1428, 0.4577, 0.3195
Android (android.graphics.Color)	4291649383 (0xFFCD5F67)
YUV	128.8020, -12.7204, 66.8256
Hunter-Lab	47.0561, 37.9659, 13.4923

Details

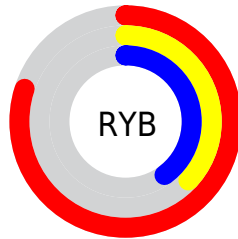
The XYZ color **31.7172, 22.1428, 15.4343** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **36.6299, 50.1272, 60.5714**, and the grayscale version is **20.8253, 21.9099, 23.8598**.

A 20% lighter version of the original color is **57.6626, 44.7729, 36.1747**, and **13.3958, 8.0524, 4.5896** is the 20% darker color. If you saturate the color by 10%, you get **29.2593, 18.5845, 10.4307**, and if you desaturate by 10%, it is **34.8789, 26.7618, 21.7431**.

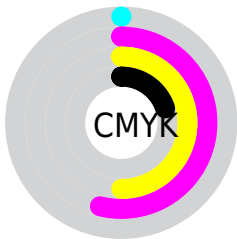
Distribution



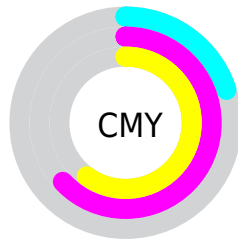
- Red (80%)
- Green (37%)
- Blue (40%)



- Red (80%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (54%)
- Yellow (50%)
- Black (20%)





- Cyan (20%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.7172, 22.1428, 15.4343 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 31.7172, 22.1428, 15.4343 by changing the saturation by 10% instead.


 31.7172, 22.1428,
15.4343


 31.7172, 22.1428,
15.4343


301.5972,
263.2911, 237.7107


 21.3001, 13.9619,
8.9748


 61.7357, 46.9819,
36.3663

 13.4572, 8.0941,
4.6281


 82.0677, 64.4089,
51.6759

 7.8233, 4.1553,
1.9759


 106.4355, 85.6866,
70.7725

 4.0329, 1.7608,
0.5404

 135.2043,
111.1995, 94.0747

 1.7208, 0.4626,
0.0000

168.7396,
141.3321, 122.0011

 0.4692, 0.0000,
0.0000

207.4065,

 0.0000, 0.0000,

176.4686, 154.9702

0.0000

251.5706,
216.9935, 193.4006

■ 31.7172, 22.1428,
15.4343

■ 31.7172, 22.1428,
15.4343

■ 29.2593, 18.5845,
10.4307

■ 34.8789, 26.7618,
21.7431

■ 27.4498, 15.9995,
6.6396

■ 38.7911, 32.5129,
29.4386

■ 26.2273, 14.2922,
3.9581

■ 43.4982, 39.4655,
38.5969

■ 25.5181, 13.3461,
2.2656

■ 49.0410, 47.6822,
49.2884

■ 25.2622, 13.0133,
1.6285

■ 55.4571, 57.2215,
61.5789

■ 62.7821, 68.1381,
75.5303

■ 71.0495, 80.4837,
91.2012

■ 78.9867, 91.7191,
108.1483

Harmonies

Analogous

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



32.3860, 22.1428, 28.9993



31.7172, 22.1428, 15.4343



27.9546, 22.1428, 8.1719

Triad

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



31.7172, 22.1428, 15.4343



14.2882, 22.1428, 10.2484



19.4831, 22.1428, 64.2284

Complementary

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



31.7172, 22.1428, 15.4343



36.6299, 50.1272, 60.5714

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.



15.3813, 22.1428, 53.3083



31.7172, 22.1428, 15.4343



12.7205, 22.1428, 19.8033

Square

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



31.7172, 22.1428, 15.4343



17.7463, 22.1428, 6.1368



13.0852, 22.1428, 35.5461



24.7315, 22.1428, 61.4875

Rectangle

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



31.7172, 22.1428, 15.4343



24.4916, 22.1428, 6.0467



13.0852, 22.1428, 35.5461



17.9399, 22.1428, 61.9089

Sweetspot

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



31.7178, 22.1440, 15.4347



77.8831, 74.4728, 76.0283



37.8339, 24.3068, 60.4550



16.2563, 15.3265, 15.4757



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.



31.7178, 22.1440, 15.4347



47.5314, 29.8723, 16.2674



36.7435, 32.8071, 15.2239



11.2449, 11.2267, 11.8240



15.7402, 8.1067, 1.0845



0.8238, 0.4229, 0.1180

Inverse Universe

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



31.7178, 22.1440, 15.4347



47.5314, 29.8723, 16.2674



28.1666, 31.6955, 62.3907



11.2449, 11.2267, 11.8240



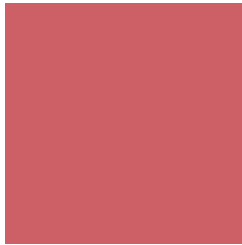
15.7402, 8.1067, 1.0845



0.8238, 0.4229, 0.1180

Previews

White Background



This preview shows how the XYZ color 31.7172, 22.1428, 15.4343 looks on a white background.

Color Contrast Check

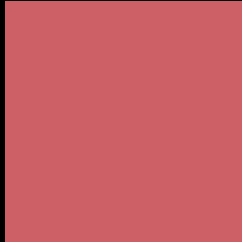
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.7172, 22.1428, 15.4343 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 31.7172, 22.1428, 15.4343

Background



This preview shows how black text looks on a background with the XYZ color 31.7172, 22.1428, 15.4343.



This preview shows how white text looks on a background with the XYZ color 31.7172, 22.1428,

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

31.7172, 22.1428, 15.4343

Protanopia

21.3645, 22.4722, 20.9808

Deuteranopia

22.6751, 22.3214, 14.6686



Tritanopia

31.6673, 22.1229, 15.1715

Trichromacy



Original Color

31.7172, 22.1428, 15.4343

Protanomaly

23.8958, 21.4111, 18.7929

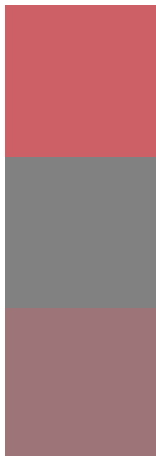
Deuteranomaly

25.3308, 21.7254, 14.9149

Tritanomaly

31.6673, 22.1229, 15.1715

Monochromacy



Original Color

31.7172, 22.1428, 15.4343

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.6561, 21.2467, 20.6235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7172, 22.1428, 15.4343 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(205, 95, 103)` looks like.

```
.text, #text, p{  
    color:rgb(205, 95, 103)  
}
```

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(205, 95, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 95, 103) }
```

Border

The CSS property to change the border of an element to XYZ 31.7172, 22.1428, 15.4343 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(205, 95, 103) }
```


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

```
.border{ border-color:rgb(205, 95, 103) }
```

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

Here you see how a box with a 4 pixel rgb(205, 95, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 95, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 95, 103);  
box-shadow:4px 4px 4px 4px rgb(205, 95,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7172, 22.1428, 15.4343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 95, 103) }
```

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

```
.background{ background-color: rgb(205, 95,  
103) }
```

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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