

Converting Colors

XYZ(31.4927, 22.0213, 15.6874)

Have a look what the booklet for
XYZ(31.4927, 22.0213, 15.6874)
contains.

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Color

**XYZ(31.4927, 22.0213,
15.6874)**

Conversions

Conversions Part 1

Format	Color
Hex	CC5F68
RGB	204, 95, 104
RGB Percent	80%, 37%, 41%
CMY	0.2000, 0.6274, 0.5922
CMYK	0.00, 0.53, 0.49, 0.20
HSL	355°, 52%, 59%
HSV	355°, 53%, 80%
XYZ	31.4927, 22.0213, 15.6874
YIQ	128.6170, 62.0750, 25.9070

Conversions

Conversions Part 2

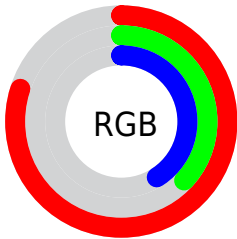
Format	Color
R_{YB}	204, 95, 104
Decimal	13393768
CIE _{Lab}	54.05, 44.05, 15.93
CIE _{LCh}	54, 46.841, 19.879
Yxy	22.0213, 0.4551, 0.3182
Android (android.graphics.Color)	4291583848 (0xFFCC5F68)
YUV	128.6170, -12.1362, 66.1109
Hunter-Lab	46.9269, 37.6697, 13.0285

Details

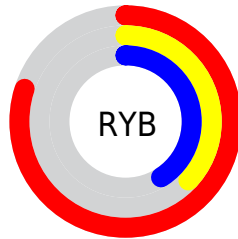
The XYZ color **31.4927, 22.0213, 15.6874** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **36.1637, 49.5591, 59.2930**, and the grayscale version is **20.7590, 21.8401, 23.7839**.

A 20% lighter version of the original color is **57.7463, 44.8064, 36.6153**, and **13.2435, 7.9711, 4.7115** is the 20% darker color. If you saturate the color by 10%, you get **29.0422, 18.4767, 10.6893**, and if you desaturate by 10%, it is **34.6364, 26.6148, 21.9579**.

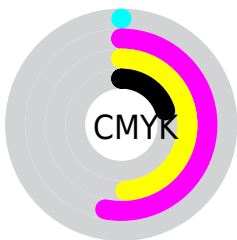
Distribution



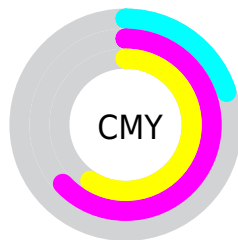
- Red (80%)
- Green (37%)
- Blue (41%)



- Red (80%)
- Yellow (37%)
- Blue (41%)



- Cyan (0%)
- Magenta (53%)
- Yellow (49%)
- Black (20%)




- Cyan (20%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4927, 22.0213, 15.6874 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 31.4927, 22.0213, 15.6874 by changing the saturation by 10% instead.


 31.4927, 22.0213,
15.6874


 31.4927, 22.0213,
15.6874


300.5883,
262.6575, 239.2724


 21.1280, 13.8726,
9.1513


 61.3855, 46.7812,
36.8139


 13.3306, 8.0321,
4.7418


 81.6443, 64.1611,
52.2413

 7.7351, 4.1155,
2.0405


 105.9319, 85.3869,
71.4695

 3.9763, 1.7384,
0.5800

 134.6136,
110.8430, 94.9172

 1.6887, 0.4483,
0.0000

168.0547,
140.9136, 123.0028

 0.4492, 0.0000,
0.0000

206.6206,

 0.0000, 0.0000,

175.9834, 156.1448

0.0000

250.6767,
216.4365, 194.7618

■ 31.4927, 22.0213,
15.6874

■ 31.4927, 22.0213,
15.6874

■ 29.0422, 18.4767,
10.6893

■ 34.6364, 26.6148,
21.9579

■ 27.2307, 15.8950,
6.8753

■ 38.5188, 32.3273,
29.5786

■ 25.9986, 14.1825,
4.1474

■ 43.1832, 39.2270,
38.6224

■ 25.2743, 13.2250,
2.3917

■ 48.6695, 47.3758,
49.1567

■ 25.0016, 12.8772,
1.6913

■ 55.0146, 56.8309,
61.2446

■ 62.2530, 67.6463,
74.9455

■ 70.4178, 79.8730,
90.3157

■ 78.5084, 91.4960,
107.0650

■ 78.7117, 91.5773,
108.1354

Harmonies

Analogous

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



32.0591, 22.0213, 29.2218



31.4927, 22.0213, 15.6874



27.8563, 22.0213, 8.3458

Triad

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



31.4927, 22.0213, 15.6874



14.3305, 22.0213, 10.1186



19.2650, 22.0213, 63.2611

Complementary

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



31.4927, 22.0213, 15.6874



36.1637, 49.5591, 59.2930

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.



15.2600, 22.0213, 52.2624



31.4927, 22.0213, 15.6874



12.7310, 22.0213, 19.4014

Square

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



31.4927, 22.0213, 15.6874



17.7900, 22.0213, 6.1474



13.0414, 22.0213, 34.7694



24.4206, 22.0213, 60.9450

Rectangle

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



31.4927, 22.0213, 15.6874



24.4636, 22.0213, 6.1637



13.0414, 22.0213, 34.7694



17.7552, 22.0213, 60.8697

Sweetspot

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



31.4933, 22.0225, 15.6878



77.9355, 74.4937, 76.3039



37.4760, 24.1363, 59.8100



16.2686, 15.3314, 15.5404



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.



31.4933, 22.0225, 15.6878



47.6134, 29.9051, 16.6994



36.4072, 32.5429, 15.1907



11.2493, 11.2284, 11.8473



15.7506, 8.1108, 1.1395



0.8259, 0.4238, 0.1289

Inverse Universe

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



31.4933, 22.0225, 15.6878



47.6134, 29.9051, 16.6994



27.9461, 31.4470, 61.7233



11.2493, 11.2284, 11.8473



15.7506, 8.1108, 1.1395



0.8259, 0.4238, 0.1289

Previews

White Background



This preview shows how the XYZ color 31.4927, 22.0213, 15.6874 looks on a white background.

Color Contrast Check

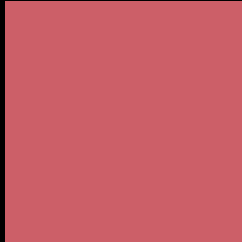
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4927, 22.0213, 15.6874 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 31.4927, 22.0213, 15.6874

Background



This preview shows how black text looks on a background with the XYZ color 31.4927, 22.0213, 15.6874.



This preview shows how white text looks on a background with the XYZ color 31.4927, 22.0213,

15.6874.

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

31.4927, 22.0213, 15.6874

Protanopia

21.1330, 22.1493, 21.2506

Deuteranopia

22.4087, 21.9916, 14.8681



Tritanopia

31.3923, 21.9811, 15.1586

Trichromacy



Original Color

31.4927, 22.0213, 15.6874

Protanomaly

23.7539, 21.3313, 19.0850

Deuteranomaly

25.0487, 21.4078, 15.1238

Tritanomaly

31.4422, 22.0011, 15.4214

Monochromacy



Original Color

31.4927, 22.0213, 15.6874

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.4618, 21.1466, 20.6144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4927, 22.0213, 15.6874 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(204, 95, 104)` looks like.

```
.text, #text, p{  
    color:rgb(204, 95, 104)  
}
```

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(204, 95, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 95, 104) }
```

Border

The CSS property to change the border of an element to XYZ 31.4927, 22.0213, 15.6874 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(204, 95, 104) }
```


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

```
.border{ border-color:rgb(204, 95, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 95, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 95, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 95, 104);  
box-shadow:4px 4px 4px 4px rgb(204, 95,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4927, 22.0213, 15.6874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 95, 104) }
```

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

```
.background{ background-color: rgb(204, 95,  
104) }
```

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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