

Converting Colors

XYZ(30.9790, 19.7581, 15.2882)

Have a look what the booklet for
XYZ(30.9790, 19.7581, 15.2882)
contains.

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Color

**XYZ(30.9552, 19.7137,
15.2703)**

Conversions

Conversions Part 1

Format	Color
Hex	CF4E68
RGB	207, 78, 104
RGB Percent	81%, 31%, 41%
CMY	0.1882, 0.6941, 0.5922
CMYK	0.00, 0.62, 0.50, 0.19
HSL	348°, 57%, 56%
HSV	348°, 62%, 81%
XYZ	30.9552, 19.7137, 15.2703
YIQ	119.5350, 68.5380, 35.4340

Conversions

Conversions Part 2

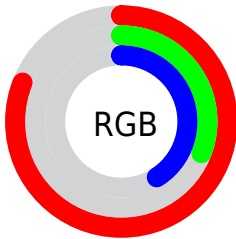
Format	Color
R_{YB}	207, 78, 104
Decimal	13586024
CIE _{Lab}	51.51, 53.01, 12.49
CIE _{LCh}	52, 54.460, 13.258
Yxy	19.7137, 0.4695, 0.2990
Android (android.graphics.Color)	4291776104 (0xFFCF4E68)
YUV	119.5350, -7.6588, 76.7068
Hunter-Lab	44.4001, 46.7478, 10.6888

Details

The XYZ color **30.9552, 19.7137, 15.2703** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **33.7965, 49.5820, 51.5090**, and the grayscale version is **17.7136, 18.6360, 20.2947**.

A 20% lighter version of the original color is **55.5439, 40.4016, 35.8812**, and **12.9282, 6.8125, 4.5045** is the 20% darker color. If you saturate the color by 10%, you get **28.9501, 16.9180, 10.8579**, and if you desaturate by 10%, it is **33.5886, 23.5028, 20.7044**.

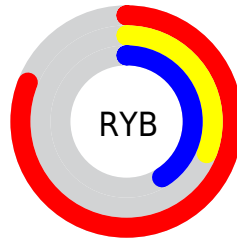
Distribution



Red (81%)

Green (31%)

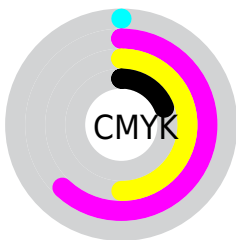
Blue (41%)



Red (81%)

Yellow (31%)

Blue (41%)

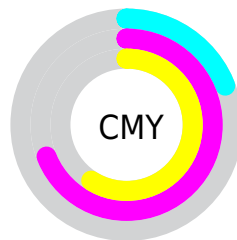


Cyan (0%)

Magenta (62%)

Yellow (50%)

Black (19%)



Cyan (19%)

Magenta (69%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9552, 19.7137, 15.2703 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 30.9552, 19.7137, 15.2703 by changing the saturation by 10% instead.

■ 30.9552, 19.7137,
15.2703

■ 30.9552, 19.7137,
15.2703

298.1624,
250.3610, 236.6934

■ 20.7164, 12.1871,
8.8606

■ 60.5459, 42.9367,
36.0757

■ 13.0281, 6.8712,
4.5548

■ 80.6284, 59.4018,
51.3084

■ 7.5251, 3.3817,
1.9344

■ 104.7229, 79.6153,
70.3192

■ 3.8418, 1.3341,
0.5145

■ 133.1948,
103.9614, 93.5266

■ 1.6130, 0.1674,
0.0000

■ 166.4093,
132.8247, 121.3492

■ 0.4009, 0.0000,
0.0000

204.7318,

■ 0.0000, 0.0000,

166.5894, 154.2055

0.0000

248.5278,
205.6401, 192.5140

■ 30.9552, 19.7137,
15.2703

■ 30.9552, 19.7137,
15.2703

■ 28.9501, 16.9180,
10.8579

■ 33.5886, 23.5028,
20.7044

■ 27.5170, 15.0184,
7.4002

■ 36.8971, 28.3642,
27.2190

■ 26.5916, 13.9035,
4.8233

■ 40.9243, 34.3725,
34.8694

■ 26.1448, 13.4304,
3.3778

■ 45.7100, 41.5947,
43.7071

■ 51.2910, 50.0927,
53.7801

■ 57.7016, 59.9242,
65.1337

■ 64.9740, 71.1431,
77.8112

■ 73.1388, 83.8006,
91.8534

■ 79.1834, 91.8619,
106.2859

Harmonies

Analogous

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



30.7244, 19.7137, 31.3659



30.9552, 19.7137, 15.2703



27.4903, 19.7137, 6.7308

Triad

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



30.9552, 19.7137, 15.2703



12.4132, 19.7137, 6.1505



15.8673, 19.7137, 65.1725

Complementary

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



30.9552, 19.7137, 15.2703



33.7965, 49.5820, 51.5090

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.



12.0727, 19.7137, 49.4382



30.9552, 19.7137, 15.2703



10.3609, 19.7137, 13.9032

Square

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



30.9552, 19.7137, 15.2703



16.4268, 19.7137, 3.4671



10.2498, 19.7137, 29.1422



21.2549, 19.7137, 66.1716

Rectangle

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



30.9552, 19.7137, 15.2703



23.8808, 19.7137, 4.2354



10.2498, 19.7137, 29.1422



14.3911, 19.7137, 61.1779

Sweetspot

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



30.9557, 19.7148, 15.2706



75.8791, 70.6420, 74.8140



32.5897, 19.5448, 61.0861



15.7141, 14.3199, 15.0549



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.



30.9557, 19.7148, 15.2706



45.4719, 25.8637, 15.2409



33.1877, 25.9759, 10.4740



11.9048, 11.8466, 12.7743



16.4999, 8.4728, 2.2726



0.9515, 0.4853, 0.2796

Inverse Universe

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



30.9557, 19.7148, 15.2706



45.4719, 25.8637, 15.2409



28.8646, 35.0443, 64.2741



11.9048, 11.8466, 12.7743



16.4999, 8.4728, 2.2726



0.9515, 0.4853, 0.2796

Previews

White Background



This preview shows how the XYZ color 30.9552, 19.7137, 15.2703 looks on a white background.

Color Contrast Check

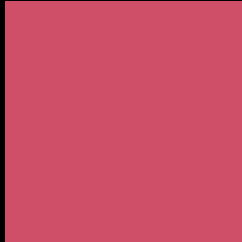
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9552, 19.7137, 15.2703 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 30.9552, 19.7137, 15.2703

Background



This preview shows how black text looks on a background with the XYZ color 30.9552, 19.7137, 15.2703.



This preview shows how white text looks on a background with the XYZ color 30.9552, 19.7137,

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

30.9552, 19.7137, 15.2703

Protanopia

19.2259, 19.9833, 22.9225

Deuteranopia

20.1846, 19.7680, 14.3070



Tritanopia

30.0757, 19.6786, 11.0173

Trichromacy



Original Color

30.9552, 19.7137, 15.2703

Protanomaly

21.9139, 18.7173, 19.9106

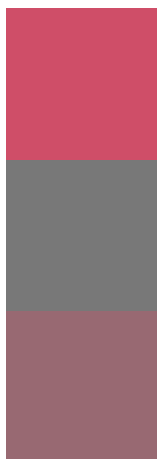
Deuteranomaly

23.0868, 18.8361, 14.4755

Tritanomaly

30.2980, 19.6494, 12.5518

Monochromacy



Original Color

30.9552, 19.7137, 15.2703

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

21.0377, 17.9935, 18.2839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9552, 19.7137, 15.2703 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(207, 78, 104)` looks like.

```
.text, #text, p{  
    color:rgb(207, 78, 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(207, 78, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 78, 104) }
```

Border

The CSS property to change the border of an element to XYZ 30.9552, 19.7137, 15.2703 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(207, 78, 104) }
```


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

```
.border{ border-color:rgb(207, 78, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 78, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 78, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 78, 104);  
box-shadow:4px 4px 4px 4px rgb(207, 78,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9552, 19.7137, 15.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 78, 104) }
```

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

```
.background{ background-color: rgb(207, 78,  
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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