

Converting Colors

XYZ(30.5507, 21.2413, 20.8760)

Have a look what the booklet for
XYZ(30.5507, 21.2413, 20.8760)
contains.

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Color

**XYZ(30.5415, 21.2809,
20.9103)**

Conversions

Conversions Part 1

Format	Color
Hex	C55E7A
RGB	197, 94, 122
RGB Percent	77%, 37%, 48%
CMY	0.2275, 0.6313, 0.5216
CMYK	0.00, 0.52, 0.38, 0.23
HSL	344°, 47%, 57%
HSV	344°, 52%, 77%
XYZ	30.5415, 21.2809, 20.9103
YIQ	127.9890, 52.4000, 30.5440

Conversions

Conversions Part 2

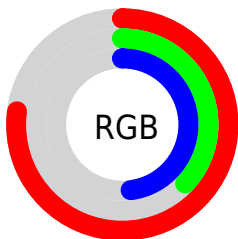
Format	Color
R_{YB}	197, 94, 122
Decimal	12934778
CIE _{Lab}	53.26, 43.95, 4.02
CIE _{LCh}	53, 44.136, 5.222
Yxy	21.2809, 0.4199, 0.2926
Android (android.graphics.Color)	4291124858 (0xFFC55E7A)
YUV	127.9890, -2.9526, 60.5226
Hunter-Lab	46.1312, 37.4475, 5.4170

Details

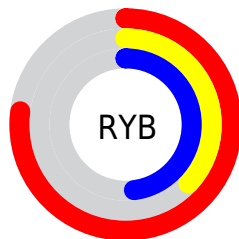
The XYZ color **30.5415, 21.2809, 20.9103** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **31.7449, 45.1772, 44.5857**, and the grayscale version is **20.5119, 21.5801, 23.5008**.

A 20% lighter version of the original color is **59.3137, 45.1834, 45.6395**, and **12.8442, 7.6557, 7.2793** is the 20% darker color. If you saturate the color by 10%, you get **28.1837, 17.8842, 16.0579**, and if you desaturate by 10%, it is **33.4787, 25.6262, 26.6036**.

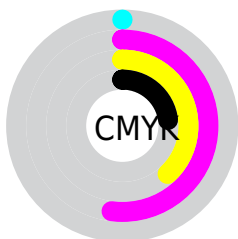
Distribution



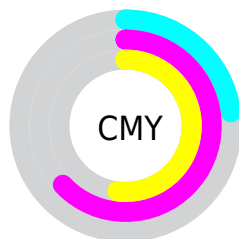
- Red (77%)
- Green (37%)
- Blue (48%)



- Red (77%)
- Yellow (37%)
- Blue (48%)



- Cyan (0%)
- Magenta (52%)
- Yellow (38%)
- Black (23%)



- Cyan (23%)
- Magenta (63%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5415, 21.2809, 20.9103 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 30.5415, 21.2809, 20.9103 by changing the saturation by 10% instead.


 30.5415, 21.2809,
20.9103


 30.5415, 21.2809,
20.9103


296.2852,
258.7676, 269.5668


 20.4001, 13.3295,
12.8678


 59.8982, 45.5546,
45.8171


 12.7961, 7.6558,
7.2080


 79.8443, 62.6456,
63.5184

 7.3643, 3.8755,
3.5121


 103.7892, 83.5520,
85.2765

 3.7393, 1.6042,
1.3617

 132.0985,
108.6581, 111.5099

 1.5557, 0.3604,
0.1116

165.1373,
138.3483, 142.6371

 0.3633, 0.0000,
0.0000

203.2711,

 0.0000, 0.0000,

173.0070, 179.0766

0.0000

246.8653,
213.0186, 221.2470

■ 30.5415, 21.2809,
20.9103

■ 30.5415, 21.2809,
20.9103

■ 28.1837, 17.8842,
16.0579

■ 33.4787, 25.6262,
26.6036

■ 26.3630, 15.3612,
12.0036

■ 37.0301, 30.9812,
33.1752

■ 25.0342, 13.6309,
8.7020

■ 41.2294, 37.4055,
40.6619

■ 24.1428, 12.5951,
6.1020

■ 46.1078, 44.9534,
49.0975

■ 23.6811, 12.1324,
4.5280

■ 51.6939, 53.6751,
58.5145

■ 58.0151, 63.6181,
68.9434

■ 65.0971, 74.8271,
80.4137

■ 72.9643, 87.3446,
92.9535

■ 76.2157, 90.3622,
104.7817

Harmonies

Analogous

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



29.5152, 21.2809, 35.6941



30.5415, 21.2809, 20.9103



28.4770, 21.2809, 11.2867

Triad

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



30.5415, 21.2809, 20.9103



15.4811, 21.2809, 7.8812



16.6950, 21.2809, 55.2057

Complementary

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



30.5415, 21.2809, 20.9103



31.7449, 45.1772, 44.5857

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.



13.7472, 21.2809, 41.3745



30.5415, 21.2809, 20.9103



13.1256, 21.2809, 13.9848

Square

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



30.5415, 21.2809, 20.9103



19.4212, 21.2809, 5.8465



12.5432, 21.2809, 25.5896



21.0545, 21.2809, 59.3337

Rectangle

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



30.5415, 21.2809, 20.9103



25.7880, 21.2809, 7.8256



12.5432, 21.2809, 25.5896



15.5289, 21.2809, 51.3321

Sweetspot

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



30.5421, 21.2820, 20.9107



78.9674, 74.9065, 81.7379



30.1911, 20.3427, 55.1585



16.5115, 15.4285, 16.8195



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.



30.5421, 21.2820, 20.9107



49.8625, 31.1632, 27.4378



31.3291, 25.2436, 13.8125



10.7503, 10.6835, 11.6685



15.6066, 7.9922, 3.1385



0.7703, 0.3910, 0.3135

Inverse Universe

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



30.5421, 21.2820, 20.9107



49.8625, 31.1632, 27.4378



29.9634, 36.9485, 58.3757



10.7503, 10.6835, 11.6685



15.6066, 7.9922, 3.1385



0.7703, 0.3910, 0.3135

Previews

White Background



This preview shows how the XYZ color 30.5415, 21.2809, 20.9103 looks on a white background.

Color Contrast Check

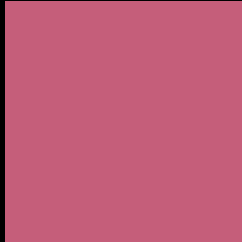
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5415, 21.2809, 20.9103 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 30.5415, 21.2809, 20.9103

Background



This preview shows how black text looks on a background with the XYZ color 30.5415, 21.2809, 20.9103.



This preview shows how white text looks on a background with the XYZ color 30.5415, 21.2809,

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

30.5415, 21.2809, 20.9103

Protanopia

21.0013, 21.5375, 28.2496

Deuteranopia

21.7954, 21.3796, 19.8075



Tritanopia

29.5383, 21.2846, 15.6482

Trichromacy



Original Color

30.5415, 21.2809, 20.9103

Protanomaly

23.3827, 20.6581, 25.3093

Deuteranomaly

24.2282, 20.7068, 20.1726

Tritanomaly

29.8171, 21.2492, 17.5689

Monochromacy



Original Color

30.5415, 21.2809, 20.9103

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.1482, 20.7694, 22.5275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5415, 21.2809, 20.9103 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(197, 94, 122)` looks like.

```
.text, #text, p{  
    color:rgb(197, 94, 122)  
}
```

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(197, 94, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 94, 122) }
```

Border

The CSS property to change the border of an element to XYZ 30.5415, 21.2809, 20.9103 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(197, 94, 122) }
```


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

```
.border{ border-color:rgb(197, 94, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 94, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 94, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 94, 122);  
box-shadow:4px 4px 4px 4px rgb(197, 94,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5415, 21.2809, 20.9103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 94, 122) }
```

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

```
.background{ background-color: rgb(197, 94,  
122) }
```

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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