

Converting Colors

XYZ(30.7078, 21.9012, 21.3478)

Have a look what the booklet for
XYZ(30.7078, 21.9012, 21.3478)
contains.

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Color

**XYZ(30.7078, 21.9012,
21.3478)**

Conversions

Conversions Part 1

Format	Color
Hex	C4627B
RGB	196, 98, 123
RGB Percent	77%, 38%, 48%
CMY	0.2314, 0.6157, 0.5176
CMYK	0.00, 0.50, 0.37, 0.23
HSL	345°, 45%, 58%
HSV	345°, 50%, 77%
XYZ	30.7078, 21.9012, 21.3478
YIQ	130.1520, 50.3830, 28.5510

Conversions

Conversions Part 2

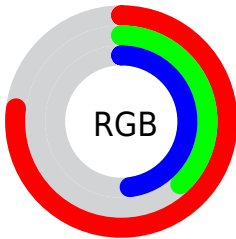
Format	Color
R_{YB}	196, 98, 123
Decimal	12870267
CIE _{Lab}	53.92, 41.70, 4.37
CIE _{LCh}	54, 41.929, 5.979
Yxy	21.9012, 0.4152, 0.2961
Android (android.graphics.Color)	4291060347 (0xFFC4627B)
YUV	130.1520, -3.5259, 57.7487
Hunter-Lab	46.7987, 35.2282, 5.7133

Details

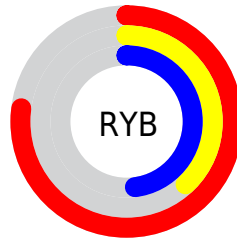
The XYZ color **30.7078, 21.9012, 21.3478** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **32.1287, 45.0173, 45.5265**, and the grayscale version is **21.2722, 22.3800, 24.3718**.

A 20% lighter version of the original color is **60.0445, 46.4884, 46.3659**, and **12.8605, 7.9374, 7.3328** is the 20% darker color. If you saturate the color by 10%, you get **28.2464, 18.3336, 16.3492**, and if you desaturate by 10%, it is **33.7557, 26.4235, 27.2149**.

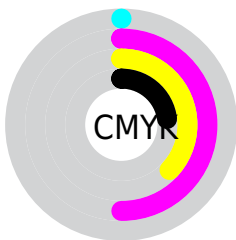
Distribution



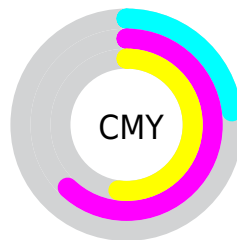
- Red (77%)
- Green (38%)
- Blue (48%)



- Red (77%)
- Yellow (38%)
- Blue (48%)



- Cyan (0%)
- Magenta (50%)
- Yellow (37%)
- Black (23%)





- Cyan (23%)
- Magenta (62%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7078, 21.9012, 21.3478 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 30.7078, 21.9012, 21.3478 by changing the saturation by 10% instead.


 30.7078, 21.9012,
21.3478


 30.7078, 21.9012,
21.3478


297.0409,
262.0299, 271.9626


 20.5272, 13.7843,
13.1848


 60.1587, 46.5826,
46.5539


 12.8893, 7.9708,
7.4237


 80.1597, 63.9160,
64.4341

 7.4288, 4.0763,
3.6460


 104.1649, 85.0903,
86.3904

 3.7804, 1.7163,
1.4332

 132.5396,
110.4900, 112.8414

 1.5787, 0.4342,
0.1674

165.6492,
140.4993, 144.2055

 0.3784, 0.0000,
0.0000

203.8590,

 0.0000, 0.0000,

175.5029, 180.9014

0.0000

247.5345,
215.8849, 223.3476

■ 30.7078, 21.9012,
21.3478

■ 30.7078, 21.9012,
21.3478

■ 28.2464, 18.3336,
16.3492

■ 33.7557, 26.4235,
27.2149

■ 26.3303, 15.6483,
12.1752

■ 37.4240, 31.9593,
33.9890

■ 24.9158, 13.7678,
8.7793


■ 41.7460, 38.5668,
41.7077


■ 23.9507, 12.5993,
6.1097


■ 46.7520, 46.2986,
50.4060


■ 23.3407, 11.9662,
4.0968

■ 52.4705, 55.2040,
60.1171

 23.3405, 11.9660,
4.0963

 58.9284, 65.3292,
70.8727

 66.1510, 76.7179,
82.7030

 74.1625, 89.4118,
95.6369

 76.4797, 90.4376,
107.5336

Harmonies

Analogous

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



29.8030, 21.9012, 35.4771



30.7078, 21.9012, 21.3478



28.6682, 21.9012, 12.0125

Triad

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



30.7078, 21.9012, 21.3478



16.1182, 21.9012, 8.8470



17.4763, 21.9012, 54.5577

Complementary

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



30.7078, 21.9012, 21.3478



32.1287, 45.0173, 45.5265

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.



14.5477, 21.9012, 41.6544



30.7078, 21.9012, 21.3478



13.8466, 21.9012, 15.0843

Square

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



30.7078, 21.9012, 21.3478



19.9246, 21.9012, 6.6734



13.3162, 21.9012, 26.5333



21.7345, 21.9012, 58.1398

Rectangle

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



30.7078, 21.9012, 21.3478



26.0655, 21.9012, 8.5977



13.3162, 21.9012, 26.5333



16.3241, 21.9012, 50.9853

Sweetspot

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



30.7084, 21.9023, 21.3482



79.7855, 76.2757, 82.8338



30.8811, 21.2534, 54.6993



16.6694, 15.6968, 17.0186



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.



30.7084, 21.9023, 21.3482



50.8009, 32.6866, 28.8407



31.7916, 26.2612, 14.9500



10.1763, 10.1191, 11.0188



15.0273, 7.7007, 2.7900



0.6783, 0.3443, 0.2735

Inverse Universe

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



30.7084, 21.9023, 21.3482



50.8009, 32.6866, 28.8407



29.9709, 36.5214, 57.6943



10.1763, 10.1191, 11.0188



15.0273, 7.7007, 2.7900



0.6783, 0.3443, 0.2735

Previews

White Background



This preview shows how the XYZ color 30.7078, 21.9012, 21.3478 looks on a white background.

Color Contrast Check

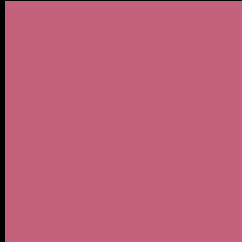
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7078, 21.9012, 21.3478 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 30.7078, 21.9012, 21.3478

Background



This preview shows how black text looks on a background with the XYZ color 30.7078, 21.9012, 21.3478.



This preview shows how white text looks on a background with the XYZ color 30.7078, 21.9012,

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

30.7078, 21.9012, 21.3478

Protanopia

21.5601, 22.2128, 28.3505

Deuteranopia

22.5174, 22.1101, 20.5336



Tritanopia

29.8661, 21.9922, 16.8582

Trichromacy



Original Color

30.7078, 21.9012, 21.3478

Protanomaly

23.9184, 21.4504, 25.4340

Deuteranomaly

24.8307, 21.5100, 20.6124

Tritanomaly

30.0435, 21.9087, 18.2681

Monochromacy



Original Color

30.7078, 21.9012, 21.3478

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.6356, 21.3592, 22.9557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7078, 21.9012, 21.3478 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(196, 98, 123)` looks like.

```
.text, #text, p{  
    color:rgb(196, 98, 123)  
}
```

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(196, 98, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 98, 123) }
```

Border

The CSS property to change the border of an element to XYZ 30.7078, 21.9012, 21.3478 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(196, 98, 123) }
```


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

```
.border{ border-color:rgb(196, 98, 123) }
```

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

Here you see how a box with a 4 pixel rgb(196, 98, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 98, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 98, 123);  
box-shadow:4px 4px 4px 4px rgb(196, 98,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7078, 21.9012, 21.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 98, 123) }
```

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

```
.background{ background-color: rgb(196, 98,  
123) }
```

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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