

Converting Colors

XYZ(30.7706, 21.7070, 18.0686)

Have a look what the booklet for
XYZ(30.7706, 21.7070, 18.0686)
contains.

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Color

**XYZ(30.7167, 21.7001,
18.1924)**

Conversions

Conversions Part 1

Format	Color
Hex	C76071
RGB	199, 96, 113
RGB Percent	78%, 38%, 44%
CMY	0.2196, 0.6235, 0.5569
CMYK	0.00, 0.52, 0.43, 0.22
HSL	350°, 48%, 58%
HSV	350°, 52%, 78%
XYZ	30.7167, 21.7001, 18.1924
YIQ	128.7350, 55.9310, 27.1230

Conversions

Conversions Part 2

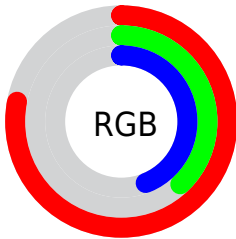
Format	Color
R_{YB}	199, 96, 113
Decimal	13066353
CIE _{Lab}	53.71, 42.66, 10.03
CIE _{LCh}	54, 43.823, 13.230
Yxy	21.7001, 0.4350, 0.3073
Android (android.graphics.Color)	4291256433 (0xFFC76071)
YUV	128.7350, -7.7574, 61.6224
Hunter-Lab	46.5834, 36.1806, 9.4536

Details

The XYZ color **30.7167, 21.7001, 18.1924** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.6919, 46.7115, 51.4993**, and the grayscale version is **20.7868, 21.8693, 23.8157**.

A 20% lighter version of the original color is **58.7790, 45.4715, 41.2762**, and **12.8393, 7.8457, 5.8387** is the 20% darker color. If you saturate the color by 10%, you get **28.2740, 18.1772, 13.1777**, and if you desaturate by 10%, it is **33.7913, 26.2127, 24.2632**.

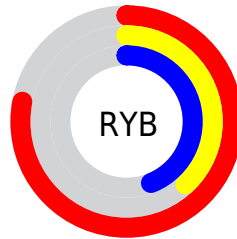
Distribution



Red (78%)

Green (38%)

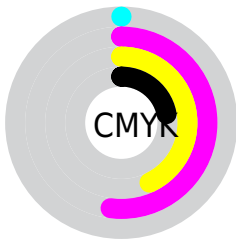
Blue (44%)



Red (78%)

Yellow (38%)

Blue (44%)

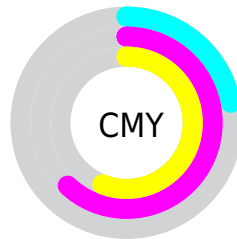


Cyan (0%)

Magenta (52%)

Yellow (43%)

Black (22%)



Cyan (22%)


Magenta (62%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7167, 21.7001, 18.1924 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 30.7167, 21.7001, 18.1924 by changing the saturation by 10% instead.


 30.7167, 21.7001,
18.1924


 30.7167, 21.7001,
18.1924


297.0813,
260.9761, 254.2257


 20.5340, 13.6367,
10.9173


 60.1726, 46.2498,
41.1833


 12.8943, 7.8684,
5.8978


 80.1766, 63.5049,
57.7361

 7.4323, 4.0109,
2.7153


 104.1850, 84.5928,
78.2187

 3.7826, 1.6796,
0.9511

 132.5632,
109.8977, 103.0495

 1.5799, 0.4104,
0.0000

165.6766,
139.8041, 132.6470

 0.3793, 0.0000,
0.0000

203.8905,

 0.0000, 0.0000,

174.6963, 167.4299

0.0000

247.5703,
214.9589, 207.8166

■ 30.7167, 21.7001,
18.1924

■ 30.7167, 21.7001,
18.1924

■ 28.2740, 18.1772,
13.1777

■ 33.7913, 26.2127,
24.2632

■ 26.4168, 15.5662,
9.1568

■ 37.5365, 31.7784,
31.4449

■ 25.0948, 13.7830,
6.0626

■ 41.9898, 38.4595,
39.7902

■ 24.2483, 12.7263,
3.8188

■ 47.1853, 46.3121,
49.3476

■ 23.8254, 12.2510,
2.5358

■ 53.1551, 55.3888,
60.1634

■ 59.9292, 65.7388,
72.2809

■ 67.5361, 77.4089,
85.7416

■ 75.9372, 90.3117,
100.5633

■ 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



30.5289, 21.7001, 31.8969



30.7167, 21.7001, 18.1924



27.9242, 21.7001, 9.9782

Triad

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



30.7167, 21.7001, 18.1924



15.0410, 21.7001, 9.3562



18.1295, 21.7001, 58.0193

Complementary

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



30.7167, 21.7001, 18.1924



33.6919, 46.7115, 51.4993

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.



14.7239, 21.7001, 46.1195



30.7167, 21.7001, 18.1924



13.1350, 21.7001, 16.9276

Square

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



30.7167, 21.7001, 18.1924



18.6280, 21.7001, 6.3417



13.0285, 21.7001, 30.0503



22.7604, 21.7001, 58.7746

Rectangle

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



30.7167, 21.7001, 18.1924



24.9629, 21.7001, 7.2490



13.0285, 21.7001, 30.0503



16.8217, 21.7001, 55.0309

Sweetspot

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



30.7173, 21.7012, 18.1928



78.3793, 74.6713, 78.6413



33.7445, 22.4153, 56.5808



16.3729, 15.3731, 16.0895



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.



30.7173, 21.7012, 18.1928



49.0798, 31.2207, 22.1742



33.6923, 29.0419, 14.8977



10.7041, 10.6650, 11.4250



15.3423, 7.8865, 1.7462



0.7494, 0.3826, 0.2035

Inverse Universe

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



30.7173, 21.7012, 18.1928



49.0798, 31.2207, 22.1742



28.5287, 33.4015, 58.9763



10.7041, 10.6650, 11.4250



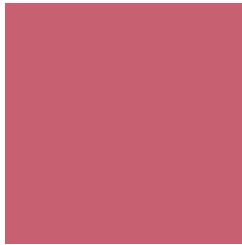
15.3423, 7.8865, 1.7462



0.7494, 0.3826, 0.2035

Previews

White Background



This preview shows how the XYZ color 30.7167, 21.7001, 18.1924 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 30.7167, 21.7001, 18.1924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

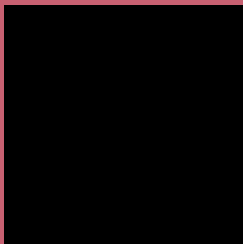
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7167, 21.7001, 18.1924

Background



This preview shows how black text looks on a background with the XYZ color 30.7167, 21.7001, 18.1924.



This preview shows how white text looks on a background with the XYZ color 30.7167, 21.7001,

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

30.7167, 21.7001, 18.1924

Protanopia

21.1085, 21.8753, 24.2289

Deuteranopia

22.3089, 21.8876, 17.2363



Tritanopia

30.0621, 21.5546, 15.6727

Trichromacy



Original Color

30.7167, 21.7001, 18.1924

Protanomaly

23.5938, 21.0139, 21.8814

Deuteranomaly

24.7681, 21.3759, 17.5724

Tritanomaly

30.2172, 21.6167, 16.4897

Monochromacy



Original Color

30.7167, 21.7001, 18.1924

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.2629, 21.0227, 21.5706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7167, 21.7001, 18.1924 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(199, 96, 113)` looks like.

```
.text, #text, p{  
    color:rgb(199, 96, 113)  
}
```

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(199, 96, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 96, 113) }
```

Border

The CSS property to change the border of an element to XYZ 30.7167, 21.7001, 18.1924 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(199, 96, 113) }
```


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

```
.border{ border-color:rgb(199, 96, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 96, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 96, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 96, 113);  
box-shadow:4px 4px 4px 4px rgb(199, 96,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7167, 21.7001, 18.1924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 96, 113) }
```

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

```
.background{ background-color: rgb(199, 96,  
113) }
```

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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